WEGA

JPS 351

Vorläufige Kundendienstanleitung

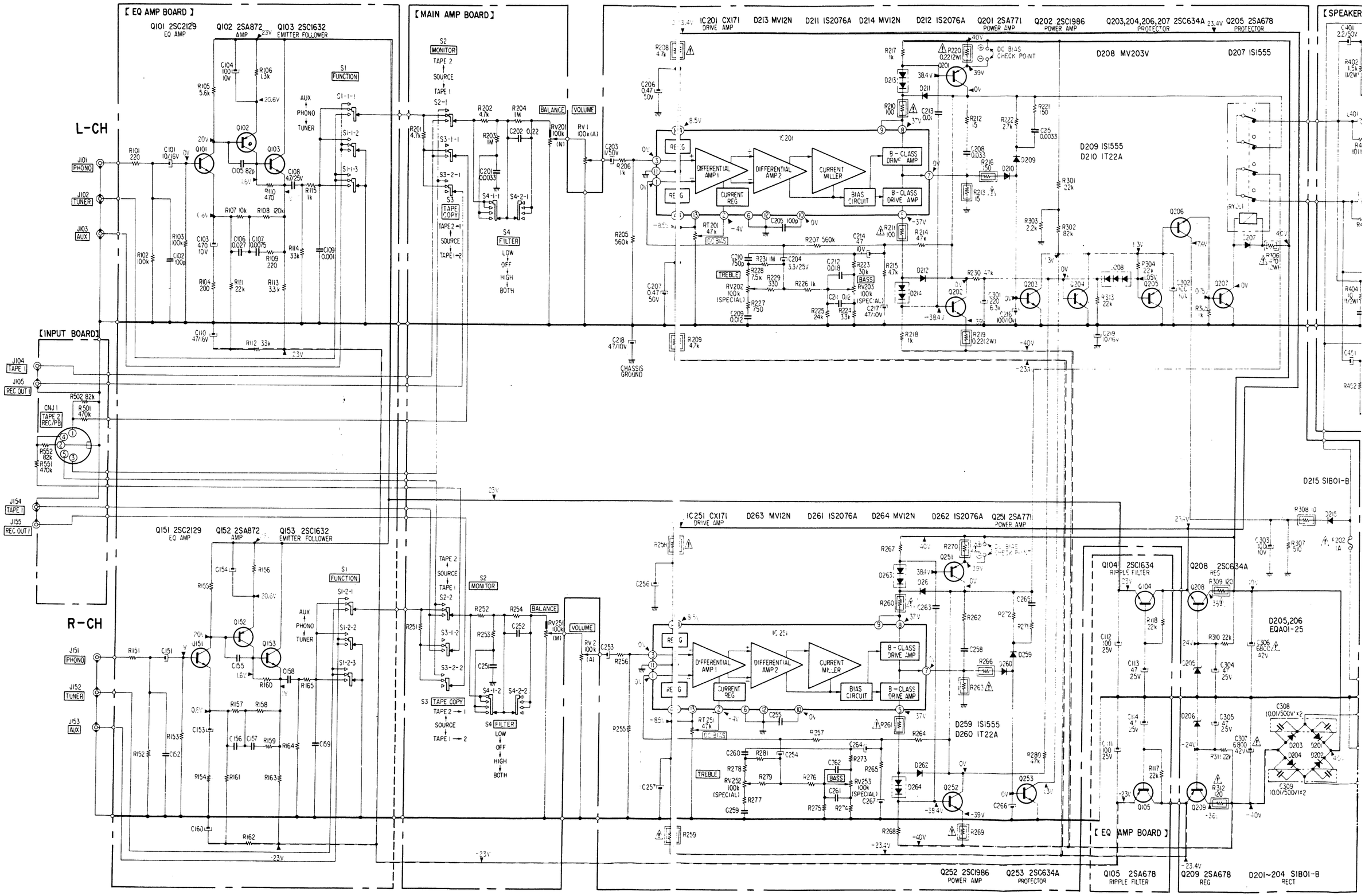
11/78

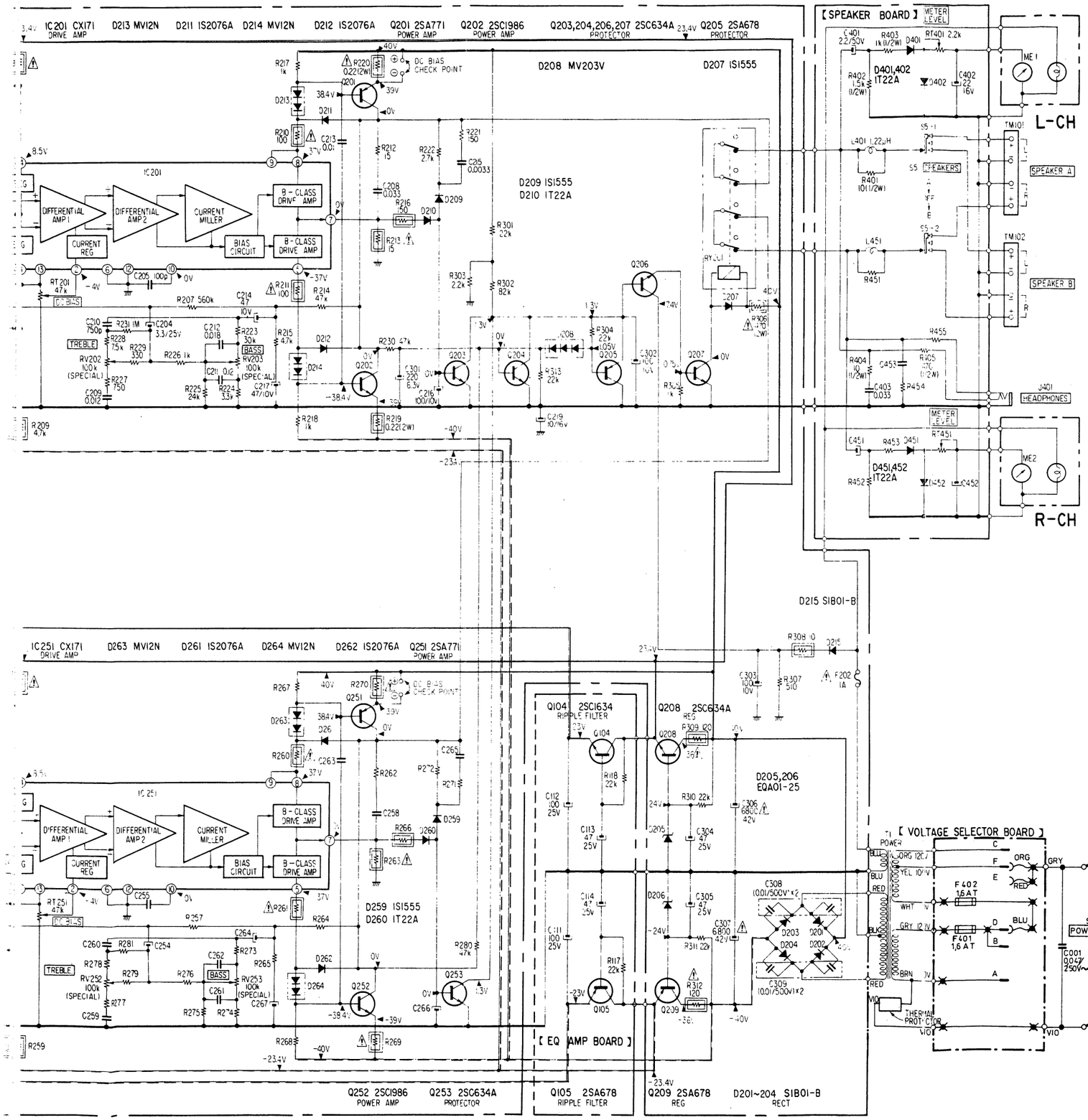
INHALT:

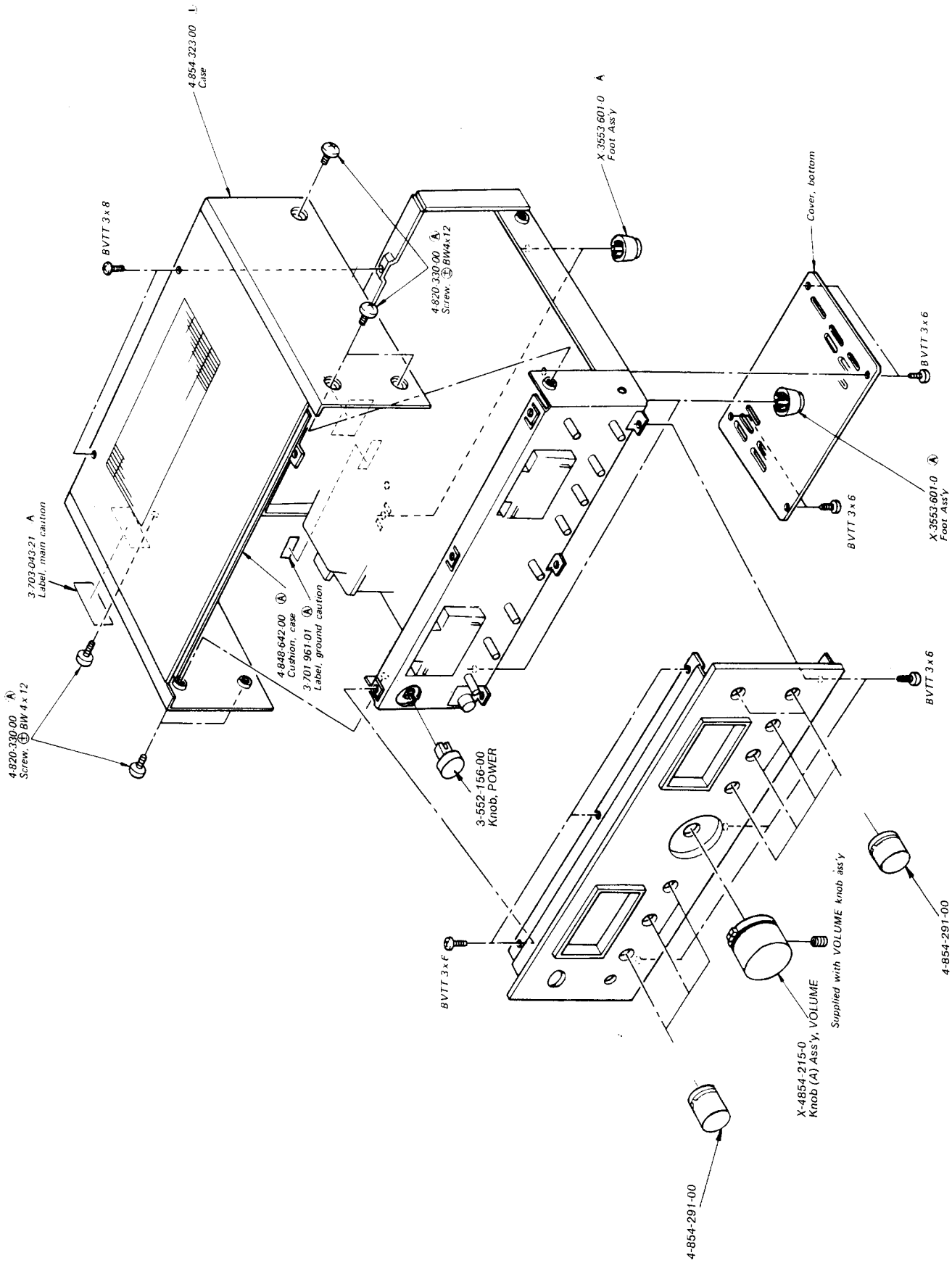
ERSATZTEILLISTE	SEITE
JPS 351 RACK 1	3
JPS 351 RACK 2	3
JPS 351 ALPHA	3
JPS 351 GAMMA	3
JPS 351 DELTA	3
JPS 351 THETA	3
JPS 351 LAMBDA	3
VERSTÄRKER	
JPS V-130	4–11
JPS V-200	12–20
TUNER	
JPS T-3	21–28
JPS T-4	29–34
CASSETTENRECORDER	
JPS C-1	35–47
JPS C-2	48–58
PHONOEINHEIT	
JPS 351 P	59–68
TIMER	
JPS 351 TI	69–73

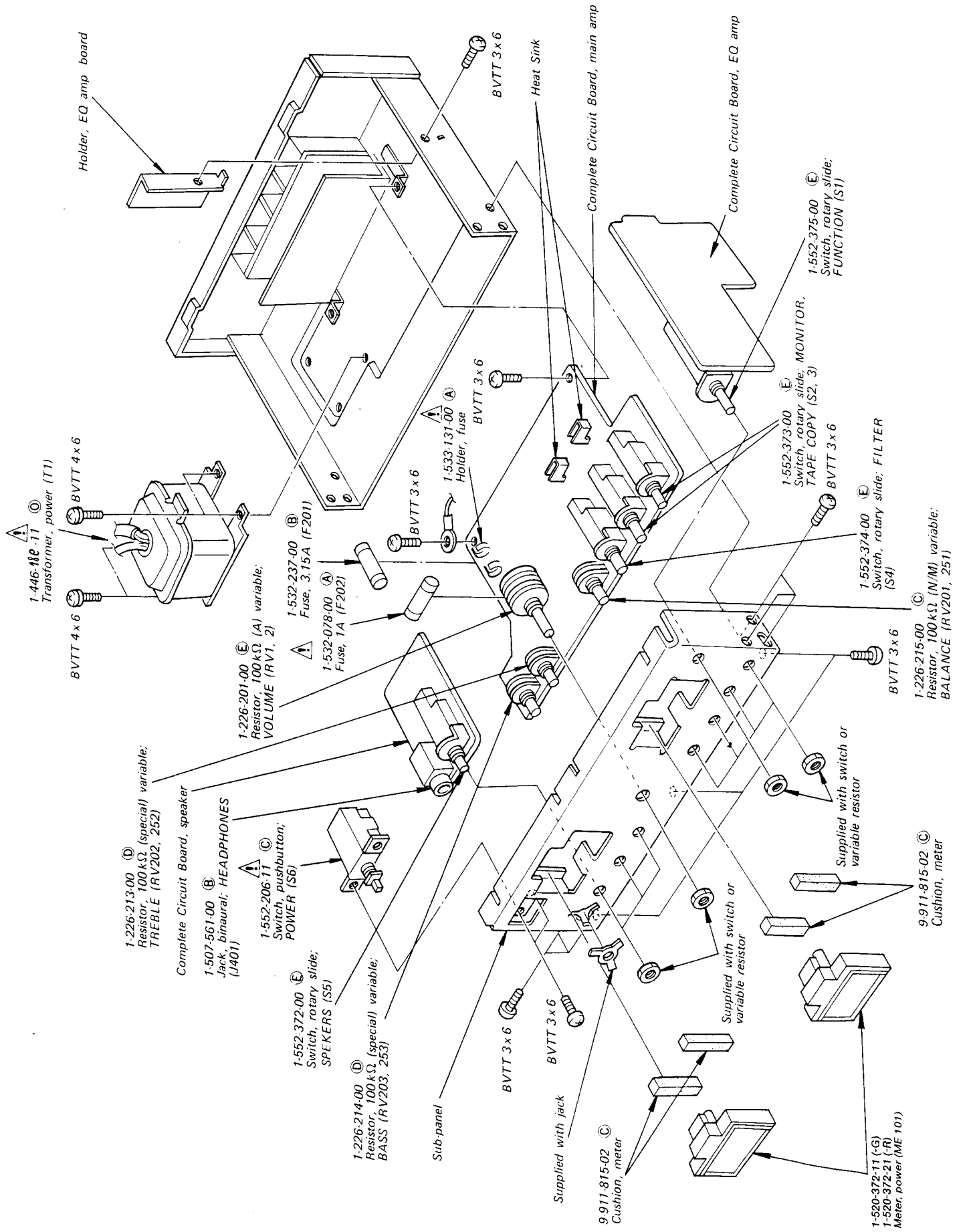
ERSATZTEILLISTE / PARTS LIST

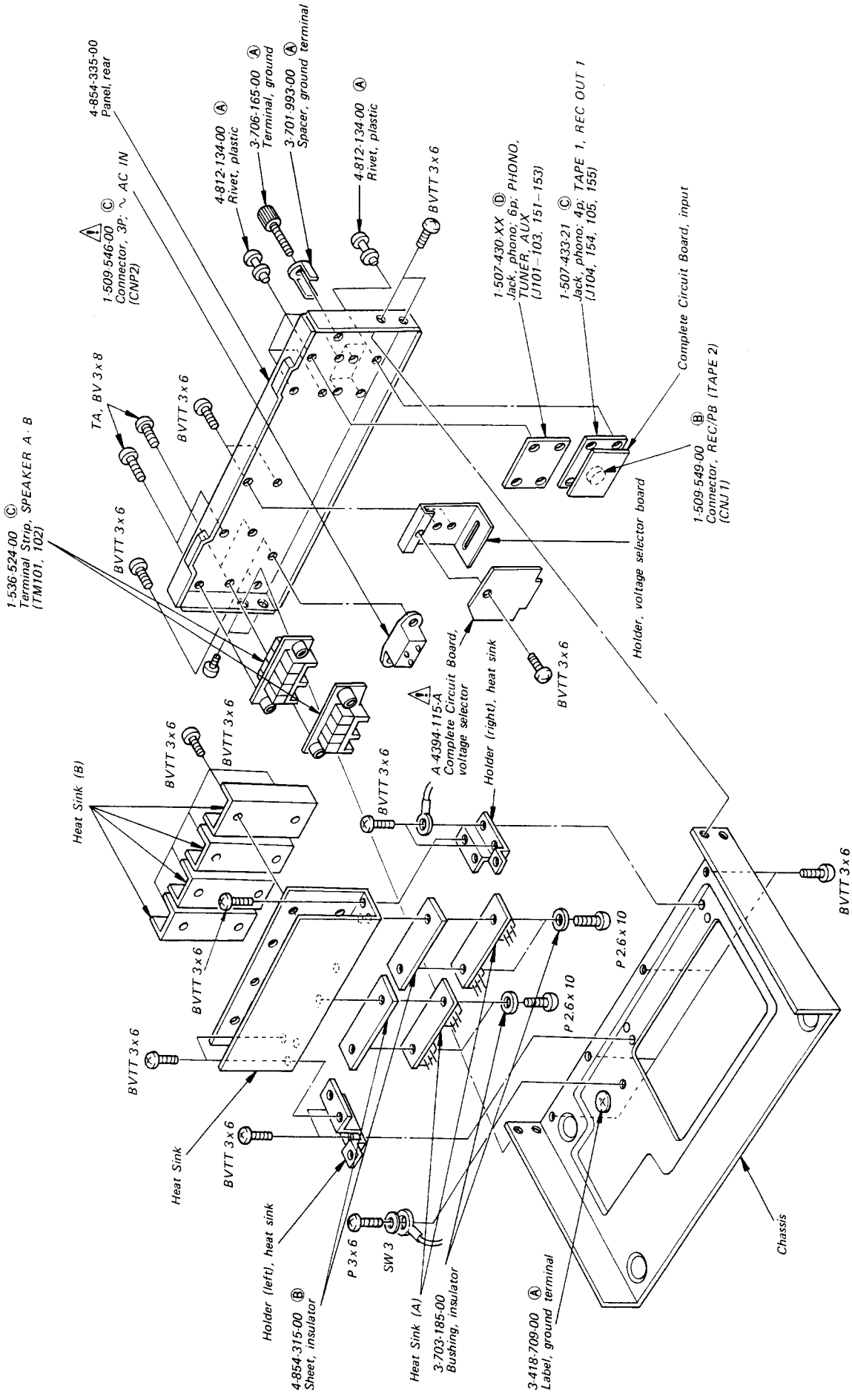
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
RACK 1		
	6-035-605-40	SEITENTEILE KPL. LANG EICHE NATUR
	6-035-605-50	SEITENTEILE KPL. LANG KIEFER NATUR
	6-035-605-60	SEITENTEILE KPL. LANG ROT
	6-035-605-90	SEITENTEILE KPL. LANG ESCHE NATUR
	6-035-606-00	SEITENTEILE KPL. LANG EICHE SCHWARZ
	6-035-606-10	SEITENTEILE KPL. LANG ESCHE SCHWARZ
	6-035-606-50	SEITENTEILE KPL. LANG SCHWARZ
RACK 2		
	6-028-002-40	MÖBELROLLE TANDEMA 660.14.373 MATT
	6-035-605-20	SEITENTEILE KPL. KURZ EICHE NATUR
	6-035-605-10	SEITENTEILE KPL. KURZ ROT
	6-035-605-30	SEITENTEILE KPL. KURZ KIEFER NATUR
	6-035-605-70	SEITENTEILE KPL. KURZ ESCHE NATUR
	6-035-605-80	SEITENTEILE KPL. KURZ EICHE SCHWARZ
	6-035-606-20	SEITENTEILE KPL. KURZ ESCHE SCHWARZ
	6-035-606-60	SEITENTEILE KPL. KURZ SCHWARZ
RACK ALPHA		
	6-035-604-90	RAHMEN KPL.
	6-090-012-30	GEBRAUCHSANWEISUNG
	6-090-832-20	MONTAGEANLEITUNG OHNE TIMER
	6-033-002-00	TB-ANSCHLUSSLEITUNG 100 CM CINCH
	6-027-509-903	PUCK ABS - SW -
	6-035-710-702	BLENDE BEDRUCKT ALPHA
	6-035-107-80	MÖBELGRIFF
	6-025-002-10	NETZSCHALTER
	6-028-600-204	TASTENKNOPF
	6-026-011-703	VIERFACH-NETZ-STECKD. M. KABEL
	6-026-606-304	NETZANSCHLUSSLEITUNG 3-POLIG 2.50 M LG
	6-026-606-404	NETZKABEL 3-POLIG M. KALT.ST.D.
RACK GAMMA		
	6-035-605-00	RAHMENKARTE KPL.
	6-090-012-30	GEBRAUCHSANWEISUNG
	6-090-012-40	GEBRAUCHSANWEISUNG F. TIMER
	6-090-832-30	MONTAGEANLEITUNG MIT TIMER
	6-035-710-902	BLENDE BEDRUCKT GAMMA
	6-035-107-80	MÖBELGRIFF
	6-026-606-504	NETZKABEL 3-POLIG M. KALT.ST.D.
	6-026-606-404	NETZKABEL 3-POLIG M. KALT.ST.D.
	6-033-002-00	TB-ANSCHLUSSLEITUNG 100 CM CINCH
	6-027-509-903	PUCK
RACK DELTA		
	6-035-605-00	RAHMEN KPL.
	6-090-012-30	GEBRAUCHSANWEISUNG
	6-090-012-40	GEBRAUCHSANWEISUNG F. TIMER
	6-090-832-30	MONTAGEANLEITUNG MIT TIMER
	6-035-711-002	BLENDE BEDRUCKT DELTA
	6-035-107-80	MÖBELGRIFF
	6-026-606-404	NETZKABEL M. KALT.ST.D.
	6-033-002-00	TB-ANSCHLUSSLEITUNG 100 CM CINCH
	6-027-509-903	PUCK
RACK THETA		
	6-035-604-90	RAHMEN KPL.
	6-090-012-30	GEBRAUCHSANWEISUNG
	6-090-832-20	MONTAGEANLEITUNG OHNE TIMER
	6-026-606-404	NETZKABEL 3-POLIG M. KALT.ST.D.
	6-033-002-00	TB-ANSCHLUSSLEITUNG 100 CM CINCH
	6-027-509-903	PUCK
	6-035-711-202	BLENDE BEDRUCKT THETA
	6-035-107-80	MÖBELGRIFF
	6-025-002-10	NETZSCHALTER
	6-028-600-204	TASTENKNOPF
	6-026-011-703	VIERFACH-NETZ-STECKD. M. KABEL
	6-026-606-304	NETZANSCHLUSSLEITUNG 3-POLIG 2,50 M LG
RACK LAMBDA		
	6-035-605-00	RAHMEN KPL.
	6-090-012-30	GEBRAUCHSANWEISUNG
	6-090-012-40	GEBRAUCHSANWEISUNG F. TIMER
	6-090-832-30	MONTAGEANLEITUNG MIT TIMER
	6-035-711-402	BLENDE BEDRUCKT LAMBDA
	6-035-107-80	MÖBELGRIFF
	6-026-606-504	NETZKABEL 70 CM LG 3-POLIG M. KALT.ST.D.
	6-026-606-404	NETZKABEL 3-POLIG M. KALT.ST.D.
	6-033-002-00	TB-ANSCHLUSSLEITUNG 100 CM CINCH
	6-027-509-903	PUCK
BEIPACKTEILE		
	6-025-900-00	INBUS-SCHLÜSSEL 4 MM 58 MM LG VZKT
	6-029-306-30	ANSCHLAG
	6-025-900-00	INBUS-SCHLÜSSEL 4 MM 58 MM LG VZKT
	6-029-306-30	ANSCHLAG


[EQ AMP BOARD]
[MAIN AMP BOARD]
[SPEAKER
[INPUT BOARD]
L-CH
R-CH
Q101 2SC2129 EQ AMP
Q102 2SA872 AMP
Q103 2SC1632 EMITTER FOLLOWER
Q151 2SC2129 EQ AMP
Q152 2SA872 AMP
Q153 2SC1632 EMITTER FOLLOWER
IC201 CX171 DRIVE AMP
D213 MV12N
D211 IS2076A
D214 MV12N
D212 IS2076A
Q201 2SA771 POWER AMP
Q202 2SC1986 POWER AMP
Q203,204,206,207 2SC634A PROTECTOR
Q205 2SA678 PROTECTOR
IC251 CX171 DRIVE AMP
D263 MV12N
D261 IS2076A
D264 MV12N
D262 IS2076A
Q251 2SA771 POWER AMP
Q252 2SC1986 POWER AMP
Q253 2SC634A PROTECTOR
D208 MV203V
D207 IS1555
D209 IS1555
D210 IT22A
D259 IS1555
D260 IT22A
D205,206 EQA01-25
D215 SIB01-B
D201~204 SIB01-B
Q104 2SC1634 RIPPLE FILTER
Q208 2SC634A REG
Q105 2SA678 RIPPLE FILTER
Q209 2SA678 REG
[EQ AMP BOARD]
DIFFERENTIAL AMP 1
DIFFERENTIAL AMP 2
CURRENT MIRROR
CURRENT REG
BIAS CIRCUIT
B-CLASS DRIVE AMP
DC BIAS CHECK POINT
S1 FUNCTION
PHONO
TUNER
AUX
S2 MONITOR
TAPE 2 SOURCE TAPE 1
S3 TAPE COPY
TAPE 2→1 SOURCE TAPE 1→2
S4 FILTER
LOW OFF HIGH BOTH
BALANCE
VOLUME
TREBLE
BASS
J101 PHONO
J102 TUNER
J103 AUX
J104 TAPE 1
J105 REC OUT 1
J154 TAPE 1
J155 REC OUT 1
CNJ 1 TAPE 2 REC/PB
J151 PHONO
J152 TUNER
J153 AUX
CHASSIS GROUND


IC201 CX171 DRIVE AMP
D213 MV12N
D211 IS2076A
D214 MV12N
D212 IS2076A
Q201 2SA771 POWER AMP
Q202 2SC1986 POWER AMP
Q203,204,206,207 2SC634A PROTECTOR
Q205 2SA678 PROTECTOR
D208 MV203V
D207 IS1555
D209 IS1555
D210 IT22A
DC BIAS CHECK POINT
DIFFERENTIAL AMP 1
DIFFERENTIAL AMP 2
CURRENT MILLER
CURRENT REG
BIAS CIRCUIT
B-CLASS DRIVE AMP
TREBLE
BASS
RV202 100k (SPECIAL)
RV203 100k (SPECIAL)
D215 SIB01-B
IC251 CX171 DRIVE AMP
D263 MV12N
D261 IS2076A
D264 MV12N
D262 IS2076A
Q251 2SA771 POWER AMP
Q104 2SC1634 RIPPLE FILTER
Q208 2SC634A REG
D205,206 EQA01-25
D259 IS1555
D260 IT22A
RV252 100k (SPECIAL)
RV253 100k (SPECIAL)
[EQ AMP BOARD]
Q252 2SC1986 POWER AMP
Q253 2SC634A PROTECTOR
Q105 2SA678 RIPPLE FILTER
Q209 2SA678 REG
D201~204 SIB01-B RECT
[SPEAKER BOARD]
METER LEVEL
D401,402 IT22A
D451,452 IT22A
ME1
ME2
L-CH
R-CH
SPEAKER A
SPEAKER B
S5 SPEAKERS
J401 HEADPHONES
[VOLTAGE SELECTOR BOARD]
THERMAL PROTECTOR
F402 1.6AT
F401 1.6AT
S6 POWER
CNP2 220V~


4-854-323-00 1
Case
BVTT 3x8
X 3553-601-0 A
Foot Ass'y
4-820-330-00 A
Screw, ⊕BW4x12
Cover, bottom
BVTT 3x6
X 3553-601-0 A
Foot Ass'y
BVTT 3x6
3-703-043-21 A
Label, main caution
4-820-330-00 A
Screw, ⊕ BW 4x12
4-848-642-00 A
Cushion, case
3-701-961-01 A
Label, ground caution
3-552-156-00
Knob, POWER
BVTT 3x6
BVTT 3x6
4-854-291-00
X-4854-215-0
Knob (A) Ass'y, VOLUME
Supplied with VOLUME knob ass'y
4-854-291-00


Holder, EQ amp board
1-446-11-11 Ⓞ
Transformer, power (T1)
BVTT 4 x 6
BVTT 4 x 6
1-226-213-00 Ⓓ
Resistor, 100 kΩ (special) variable;
TREBLE (RV202, 252)
Complete Circuit Board, speaker
1-507-561-00 Ⓑ
Jack, binaural; HEADPHONES
(J401)
1-552-206-11 Ⓒ
Switch, pushbutton;
POWER (S6)
1-552-372-00 Ⓔ
Switch, rotary slide;
SPEKERS (S5)
1-226-214-00 Ⓓ
Resistor, 100 kΩ (special) variable;
BASS (RV203, 253)
Sub-panel
1-226-201-00 Ⓔ
Resistor, 100 kΩ (A) variable;
VOLUME (RV1, 2)
1-532-237-00 Ⓑ
Fuse, 3.15A (F201)
1-532-078-00 Ⓐ
Fuse, 1A (F202)
BVTT 3 x 6
1-533-131-00 Ⓐ
Holder, fuse
BVTT 3 x 6
BVTT 3 x 6
BVTT 3 x 6
Heat Sink
Complete Circuit Board, main amp
Complete Circuit Board, EQ amp
1-552-373-00 Ⓔ
Switch, rotary slide; MONITOR,
TAPE COPY (S2, 3)
BVTT 3 x 6
1-552-375-00 Ⓔ
Switch, rotary slide;
FUNCTION (S1)
1-552-374-00 Ⓔ
Switch, rotary slide; FILTER
(S4)
BVTT 3 x 6
1-226-215-00 Ⓒ
Resistor, 100 kΩ (N/M) variable;
BALANCE (RV201, 251)
Supplied with switch or
variable resistor
Supplied with switch or
variable resistor
9-911-815-02 Ⓒ
Cushion, meter
Supplied with jack
9-911-815-02 Ⓒ
Cushion, meter
1-520-372-11 (-G)
1-520-372-21 (-R)
Meter, power (ME 101)


4-854-335-00 Panel, rear
1-509-546-00 Ⓒ Connector, 3P: ~ AC IN (CNP2)
4-812-134-00 Ⓐ Rivet, plastic
3-706-165-00 Ⓐ Terminal, ground
3-701-993-00 Ⓐ Spacer, ground terminal
4-812-134-00 Ⓐ Rivet, plastic
BVTT 3x6
1-507-430-XX Ⓓ Jack, phono: 6p: PHONO, TUNER, AUX (J101–103, 151–153)
1-507-433-21 Ⓒ Jack, phono: 4p: TAPE 1, REC OUT 1 (J104, 154, 105, 155)
Complete Circuit Board, input
1-509-549-00 Ⓑ Connector, REC/PB (TAPE 2) (CNJ 1)
TA, BV 3x8
BVTT 3x6
1-536-524-00 Ⓒ Terminal Strip, SPEAKER A · B (TM101, 102)
Holder, voltage selector board
A 4394-115-A Complete Circuit Board, voltage selector
Holder (right), heat sink
Heat Sink (B)
P 2.6x10
Heat Sink
Holder (left), heat sink
4-854-315-00 Ⓑ Sheet, insulator
P 3x6
SW 3
Heat Sink (A)
3-703-185-00 Bushing, insulator
3-418-709-00 Ⓐ Label, ground terminal
Chassis

ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN / BEZEICHNUNG / DESCRIPTION

TRANSISTOREN / TRANSISTORS

Q101,151		2SC2129
Q102,152		2SA705-8
Q102,153		2SC632A
Q104		2SC634A
Q105		2SA678
Q201,251		2SA771
Q202,252		2SC1986C
Q203,204		2SC634A
Q205		2SA678
Q206–208,253		2SC634A
Q209		2SA678

ICs / ICs

IC201,251		CX171

DIODEN / DIODES

D201–204		U05G
D205,206		EQB01-25
D207		IS1555
D208		MV203V
D209,259		IS1555
D210,260		IT22AM
D211,261, D212,262		IS2076A
D213,264, D214,264		MV12N
D215		U05G
D216,266		1S1555
D401,451, D402,452		IT22AM

KONDENSATOREN / CAPACITORS

Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.

All capacitors are in µF and electrolytic unless otherwise noted. 50WV or less are not indicated except for electrolytics. p = µµF.

C001	1-130-159-12	0.047	250 V ~	
C101,151	1-121-651-11	10	16 V	
C102,152	1-102-903-11	100 p		CERAMIC
C103,153	1-121-938-11	470	10 V	
C104,154	1-121-414-11	100	10 V	
C105,155	1-102-971-11	82 p		CERAMIC
C106,156	1-108-359-12	0.027		MYLAR
C107,157	1-108-567-12	0.0075		MYLAR
C108,158	1-123-232-11	4.7	50 V	(NONPOLARIZED)
C109,159	1-108-227-12	0.001		MYLAR
C110,160	1-121-409-11	47	16 V	
C111,112	1-121-935-11	100	25 V	
C113,114	1-121-410-11	47	25 V	
C201,251	1-108-232-12	0.0033		MYLAR
C202,252	1-108-254-12	0.22		MYLAR
C203,253	1-121-391-11	1	50 V	
C204,254	1-121-392-11	3.3	25 V	
C205,255	1-102-971-11	100 p		CERAMIC
C206,256, C207,257	1-121-726-11	0.47	50 V	
C208,258	1-108-244-12	0.033		MYLAR
C209,259	1-108-457-12	0.012		MYLAR
C210,260	1-104-074-11	750 p		POLYSTYROL
C211,261	1-108-605-12	0.12		MYLAR
C212,262	1-108-358-12	0.018		MYLAR
C213,263	1-108-239-12	0.01		MYLAR
C214,264	1-121-409-11	47	10 V	
C215,265	1-108-232-12	0.0033		MYLAR
C216,266	1-121-414-11	100	10 V	
C217,267 C218	1-121-409-11	47	10 V	
C219	1-121-651-11	10	16 V	
C301	1-121-981-11	220	6.3 V	
C302,303	1-121-414-11	100	10 V	
C220,260	1-102-951-00	15		CERAMIC
C304,305	1-121-410-11	47	25 V	
C306,307	1-125-157-11	6800	42 V	
C308,309	1-102-355-11	0.01 + 0.01	500 V	CERAMIC
C401,451	1-121-450-11	2.2	50 V	
C402,452	1-121-479-11	22	16 V	
C403,453	1-108-244-12	0.033		MYLAR

WIDERSTÄNDE / RESISTORS

R208,258 R209,259	1-211-559-11	4.7 k	¼W	CARBON (NONFLAMMABLE)
R210,260, R211,261	1-212-881-11	100	¼W	
R213,263	1-211-502-11	15	¼W	CARBON (NONFLAMMABLE)
R216,266	1-211-526-11	150	¼W	CARBON (NONFLAMMABLE)
R219,269 R220,270	1-217-151-11	0.22	2W	WIREWOUND (NONFLAMMABLE)
R306	1-206-656-11	470	2W	METAL OXIDE (NONFLAMMABLE)
R308	1-211-498-11	10	¼W	CARBON (NONFLAMMABLE)
R309,312	1-212-889-51	220	¼W	
R401,451	1-212-372-11	10	½W	CARBON
R402,452	1-213-145-11	1.5 k	½W	CARBON
R403,453	1-213-143-11	1 k	½W	CARBON
R404,454	1-212-372-11	10	½W	CARBON
R405,455	1-213-139-11	470	½W	CARBON
RT201,251	1-224-186-31	47 k (B),		ADJUSTABLE; DC BIAS
RT401,451	1-224-250-XX	2.2 k (B),		ADJUSTABLE; METER LEVEL
RV1,2	1-226-201-00	100 k (A),		VARIABLE; VOLUME
RV201,251	1-226-215-00	100 k (N/M),		VARIABLE; BALANCE
RV202,252	1-226-213-00	100 k (SPEZIAL),		VARIABLE; TREBLE
RV203,253	1-226-214-00	100 k (SPEZIAL),		VARIABLE; BASS

SCHALTER / SWITCHES

S1	1-552-375-00	ROTARY SLIDE, FUNCTION
S2,3	1-552-373-00	ROTARY SLIDE, MONITOR, TAPE COPY
S4	1-552-374-00	ROTARY SLIDE, FILTER
S5	1-552-372-00	ROTARY SLIDE, SPEAKERS
S6	1-552-206-11	PUSHBUTTON, POWER

ANSCHLÜSSE / JACKS

J101–103, J151–153	1-507-430-XX	PHONO, 6 p; PHONO, TUNER, AUX
J104,154, J105,155	1-507-433-21	PHONO, 4 p; TAPE 1, REC OUT 1
J401	1-507-561-00	BINAURAL, HEADPHONES

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION

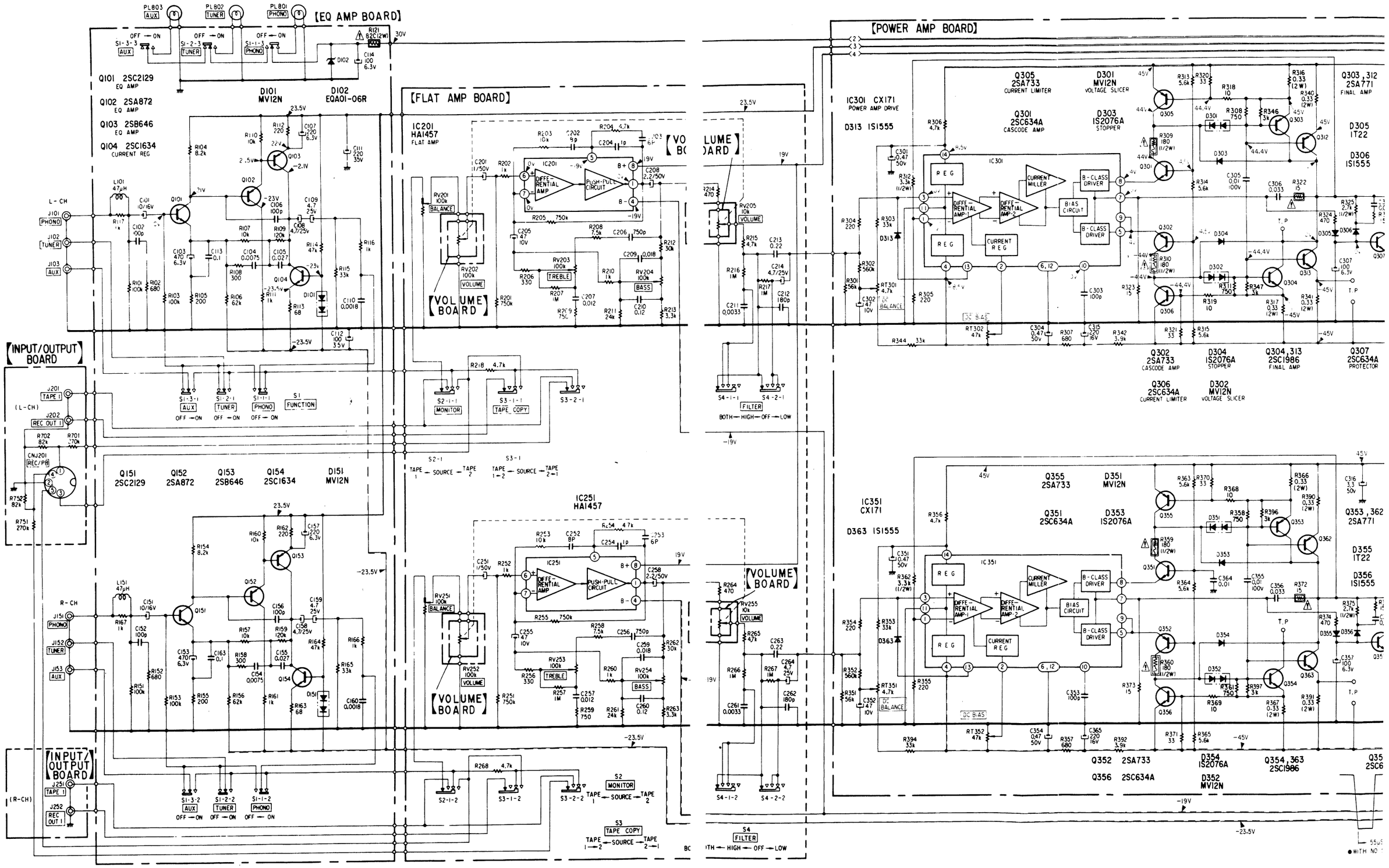
SONSTIGES / MISCELLANEOUS

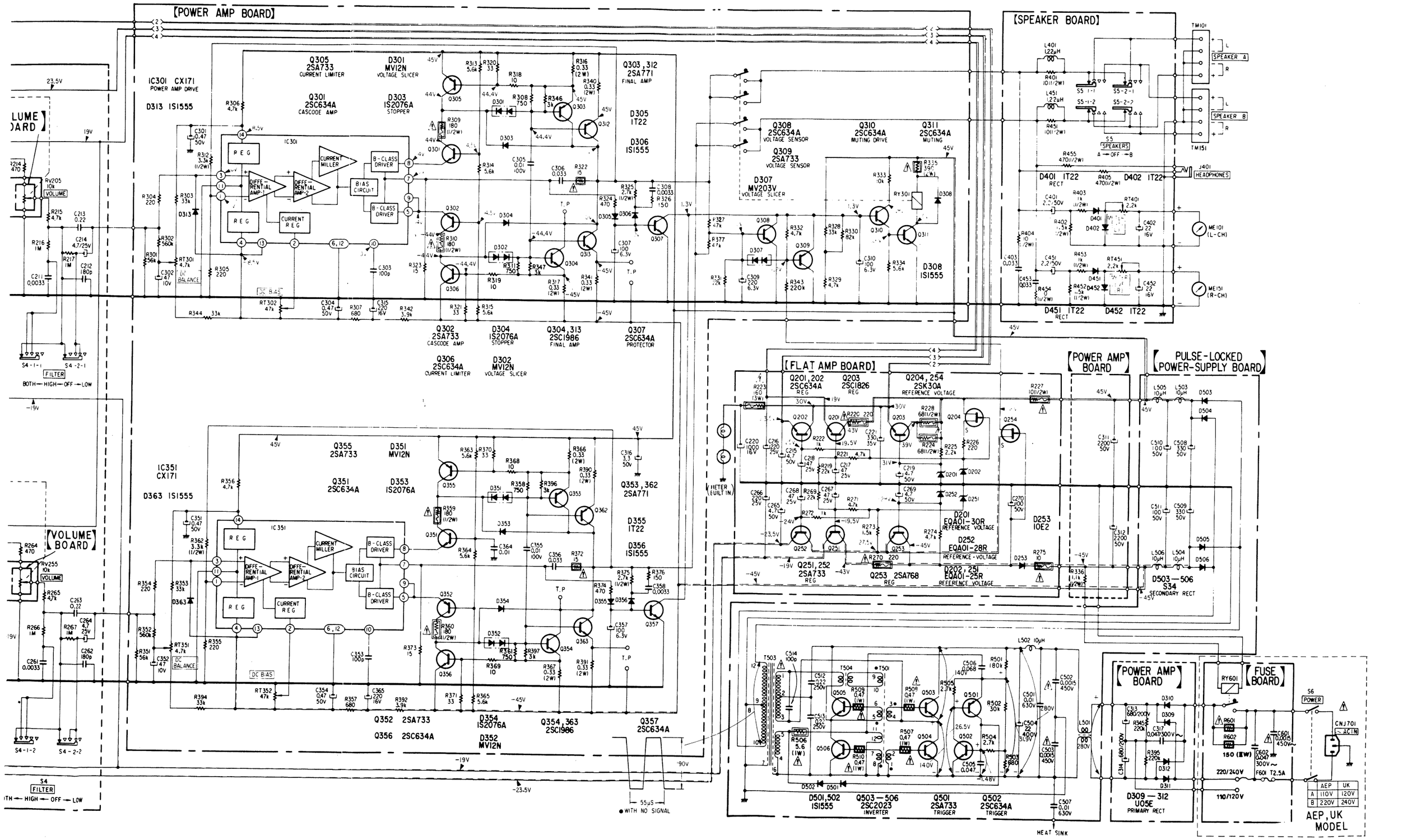
CNJ1	1-509-549-00	CONNECTOR, REC/PB (TAPE 2)
CNP2	1-509-546-00	CONNECTOR, 3 p; ~ AC IN
ME1,2	1-520-372-11	METER, INCLUDING LAMP (JPS 351 V – 130 R)
	1-520-372-21	METER, INCLUDING LAMP (JPS 351 V – 130 G)
RY201	1-515-302-00	RELAY
T1	1-446-189-00	TRANSFORMER, POWER
TM101,102	1-536-524-00	TERMINAL STRIP, SPEAKER A, B
	1-518-309-00	LAMP, INCLUDED METER
	1-533-131-00	HOLDER, FUSE
F401,402	1-532-257-11	
F403	1-532-078-11	

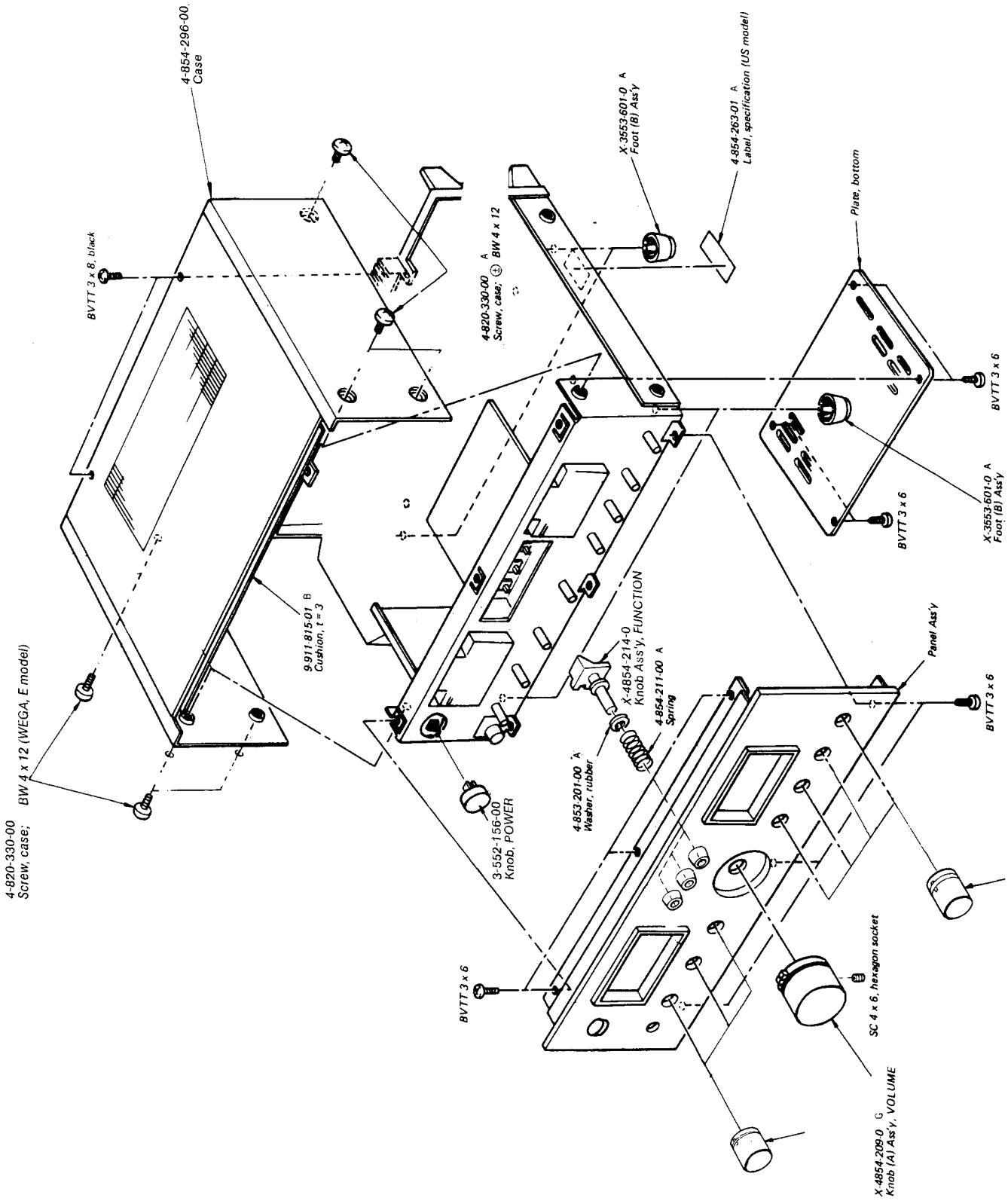
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION

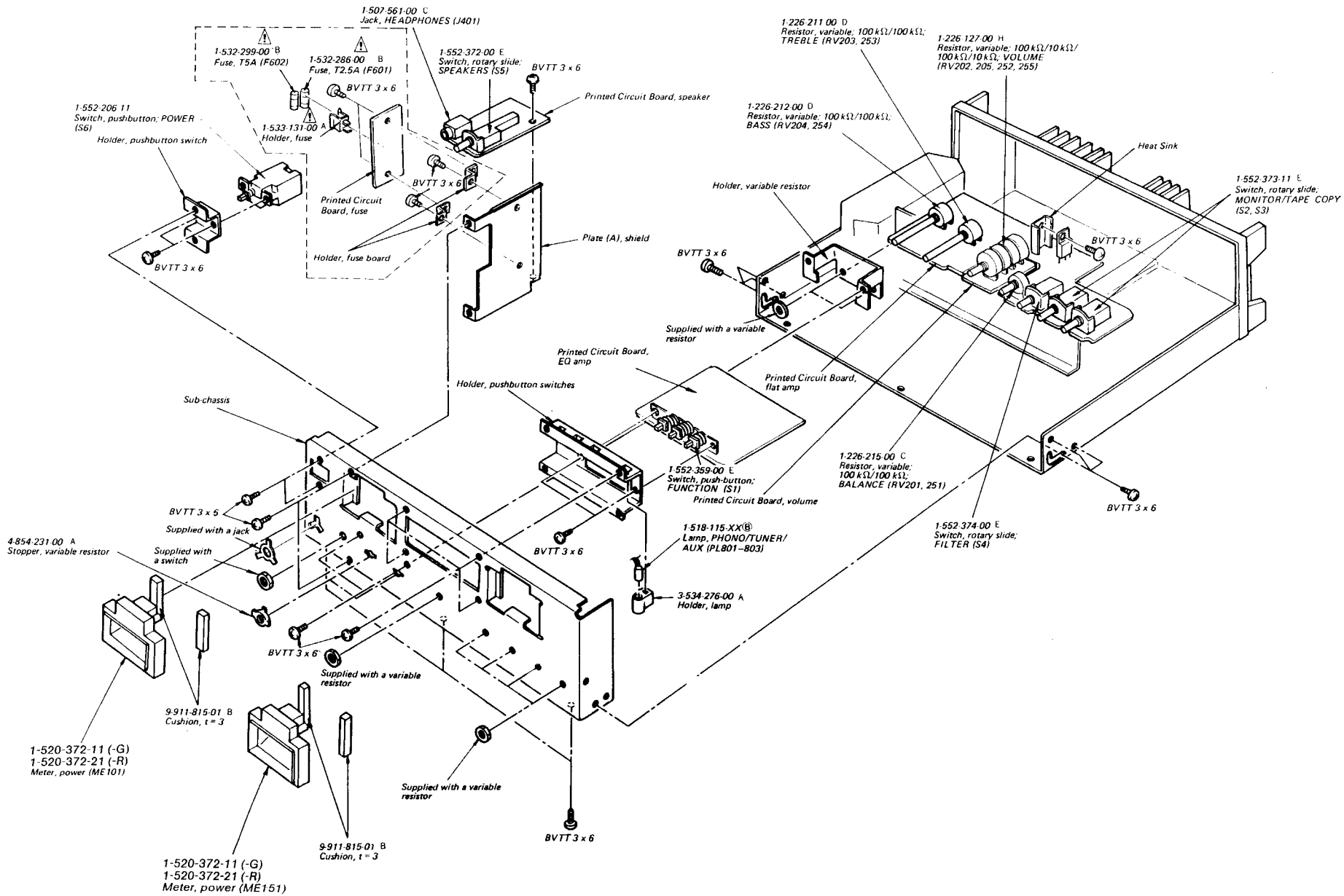
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS

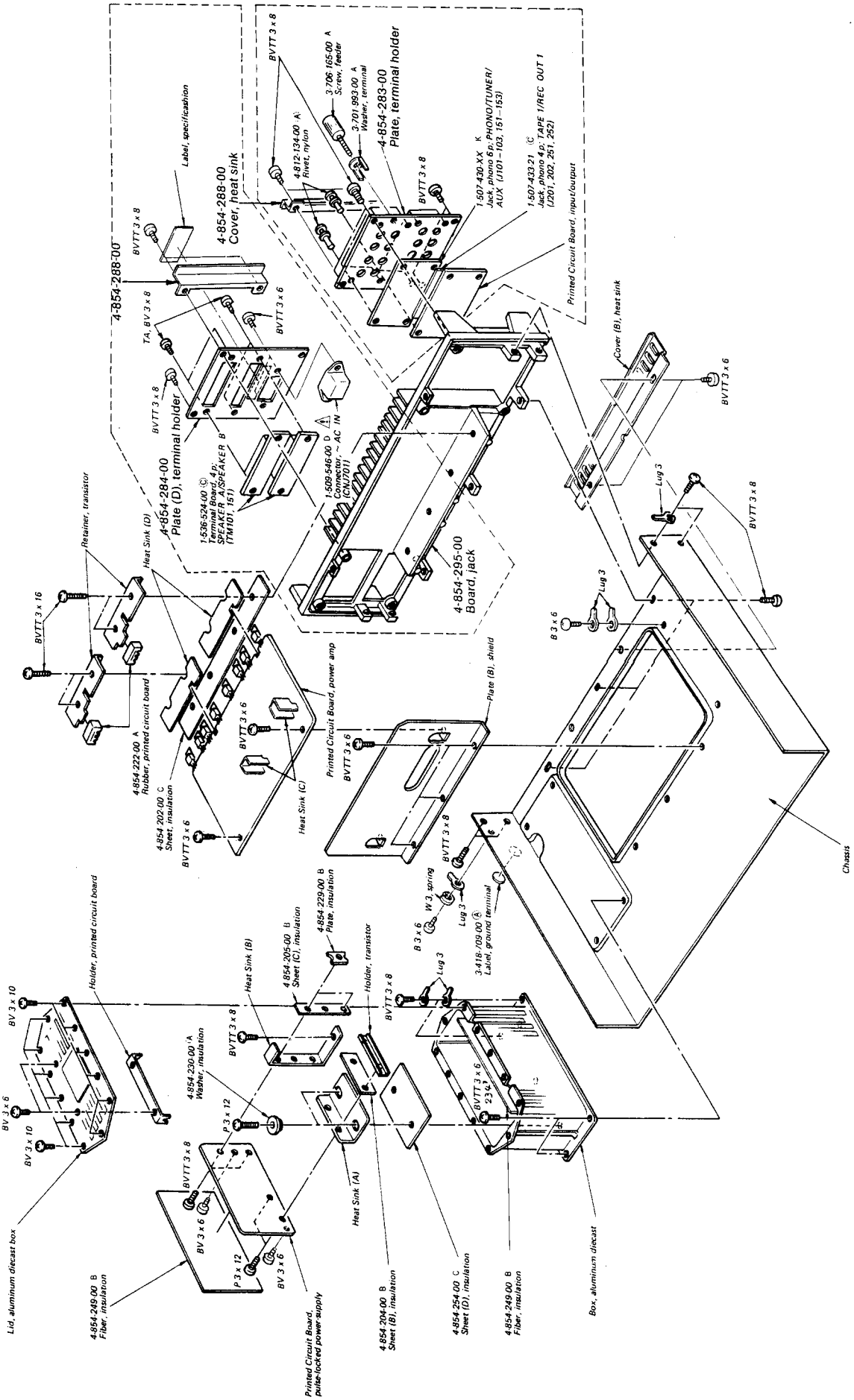
4-853-916-00	CUSHION
4-854-339-00	CARTON


[EQ AMP BOARD]
[FLAT AMP BOARD]
[POWER AMP BOARD]
[VOLUME BOARD]
[INPUT/OUTPUT BOARD]
PL803 AUX
PL802 TUNER
PL801 PHONO
Q101 2SC2129 EQ AMP
Q102 2SA872 EQ AMP
Q103 2SB646 EQ AMP
Q104 2SC1634 CURRENT REG
D101 MV12N
D102 EQA01-06R
IC201 HA1457 FLAT AMP
IC301 CX171 POWER AMP DRIVE
D313 IS1555
Q305 2SA733 CURRENT LIMITER
Q301 2SC634A CASCODE AMP
D301 MV12N VOLTAGE SLICER
D303 IS2076A STOPPER
Q303,312 2SA771 FINAL AMP
D305 IT22
D306 IS1555
Q302 2SA733 CASCODE AMP
Q306 2SC634A CURRENT LIMITER
D304 IS2076A STOPPER
D302 MV12N VOLTAGE SLICER
Q304,313 2SC1986 FINAL AMP
Q307 2SC634A PROTECTOR
L-CH
R-CH
J101 PHONO
J102 TUNER
J103 AUX
J151 PHONO
J152 TUNER
J153 AUX
J201 TAPE 1
J202 REC OUT 1
J251 TAPE 1
J252 REC OUT 1
CNJ201 REC/PB
S1 FUNCTION
S2 MONITOR
S3 TAPE COPY
S4 FILTER
RV201 100k BALANCE
RV202 100k VOLUME
RV205 10k VOLUME
IC251 HA1457
Q151 2SC2129
Q152 2SA872
Q153 2SB646
Q154 2SC1634
D151 MV12N
IC351 CX171
D363 IS1555
Q355 2SA733 CURRENT LIMITER
Q351 2SC634A CASCODE AMP
D351 MV12N VOLTAGE SLICER
D353 IS2076A STOPPER
Q353,362 2SA771 FINAL AMP
D355 IT22
D356 IS1555
Q352 2SA733 CASCODE AMP
Q356 2SC634A CURRENT LIMITER
D354 IS2076A STOPPER
D352 MV12N VOLTAGE SLICER
Q354,363 2SC1986 FINAL AMP
Q35 2SC6
DIFFE-RENTIAL AMP
PUSH-PULL CIRCUIT
CURRENT MILLER
DIFFE-RENTIAL AMP-1
DIFFE-RENTIAL AMP-2
BIAS CIRCUIT
B-CLASS DRIVER
CURRENT REG
REG
TREBLE
BASS
DC BALANCE
DC BIAS
OFF — ON
TAPE 1 — SOURCE — TAPE 2
TAPE 1→2 — SOURCE — TAPE 2→1
BOTH — HIGH — OFF — LOW
T.P
WITH NO


[POWER AMP BOARD]
IC301 CX171
POWER AMP DRIVE
D313 IS1555
Q305 2SA733 CURRENT LIMITER
Q301 2SC634A CASCODE AMP
D301 MV12N VOLTAGE SLICER
D303 IS2076A STOPPER
Q303,312 2SA771 FINAL AMP
D305 IT22
D306 IS1555
Q308 2SC634A VOLTAGE SENSOR
Q309 2SA733 VOLTAGE SENSOR
Q310 2SC634A MUTING DRIVE
Q311 2SC634A MUTING
D307 MV203V VOLTAGE SLICER
D308 IS1555
Q302 2SA733 CASCODE AMP
Q306 2SC634A CURRENT LIMITER
D304 IS2076A STOPPER
D302 MV12N VOLTAGE SLICER
Q304,313 2SC1986 FINAL AMP
Q307 2SC634A PROTECTOR
REG
DIFFERENTIAL AMP-1
DIFFERENTIAL AMP-2
CURRENT MILLER
CURRENT REG
BIAS CIRCUIT
B-CLASS DRIVER
DC BIAS
[SPEAKER BOARD]
SPEAKER A
SPEAKER B
S5 SPEAKERS A→OFF→B
HEADPHONES
D401 IT22 RECT
D402 IT22
D451 IT22 RECT
D452 IT22
ME101 (L-CH)
ME151 (R-CH)
[VOLUME BOARD]
VOLUME
S4-1-1 S4-2-1 FILTER BOTH→HIGH→OFF→LOW
S4-1-2 S4-2-2
S4 FILTER ...TH→HIGH→OFF→LOW
[FLAT AMP BOARD]
Q201,202 2SC634A REG
Q203 2SC1826 REG
Q204,254 2SK30A REFERENCE VOLTAGE
Q202
Q204
Q254
D201 EQA01-30R REFERENCE VOLTAGE
D252 EQA01-28R REFERENCE VOLTAGE
D202,251 EQA01-25R REFERENCE VOLTAGE
Q251,252 2SA733 REG
Q253 2SA768 REG
D253 10E2
D503-506 S34 SECONDARY RECT
HEATER (UNIT IN)
[POWER AMP BOARD]
[PULSE-LOCKED POWER-SUPPLY BOARD]
D309-312 U05E PRIMARY RECT
D501,502 IS1555
Q503-506 2SC2023 INVERTER
Q501 2SA733 TRIGGER
Q502 2SC634A TRIGGER
HEAT SINK
[FUSE BOARD]
RY601
S6 POWER
CNJ701 AC IN
150 (EW)
220/240V
F601 T2.5A
110/120V
AEP,UK MODEL
A 110V 120V
B 220V 240V
● WITH NO SIGNAL
55μS
90V
-23.5V
-19V
45V
19V
1.3V


4-854-296-00
Case
BVTT 3 x 8, black
4-820-330-00 A
Screw, case; ⊕ BW 4 x 12
X-3553-601-0 A
Foot (B) Ass'y
4-854-263-01 A
Label, specification (US model)
Plate, bottom
BVTT 3 x 6
X-3553-601-0 A
Foot (B) Ass'y
BVTT 3 x 6
4-820-330-00
Screw, case; BW 4 x 12 (WEGA, E model)
9-911-815-01 B
Cushion, t = 3
X-4854-214-0
Knob Ass'y, FUNCTION
4-854-211-00 A
Spring
Panel Ass'y
BVTT 3 x 6
3-552-156-00
Knob, POWER
4-853-201-00 A
Washer, rubber
BVTT 3 x 6
SC 4 x 6, hexagon socket
X-4854-209-0 G
Knob (A) Ass'y, VOLUME


1-507-561-00 C
Jack, HEADPHONES (J401)
1-532-299-00 B
Fuse, T5A (F602)
1-532-286-00 B
Fuse, T2.5A (F601)
1-552-372-00 E
Switch, rotary slide; SPEAKERS (S5)
BVTT 3 x 6
Printed Circuit Board, speaker
1-552-206-11
Switch, pushbutton; POWER (S6)
Holder, pushbutton switch
1-533-131-00 A
Holder, fuse
Printed Circuit Board, fuse
Holder, fuse board
Plate (A), shield
1-226-211-00 D
Resistor, variable; 100 kΩ/100 kΩ; TREBLE (RV203, 253)
1-226-127-00 H
Resistor, variable; 100 kΩ/10 kΩ/100 kΩ/10 kΩ; VOLUME (RV202, 205, 252, 255)
1-226-212-00 D
Resistor, variable; 100 kΩ/100 kΩ; BASS (RV204, 254)
Heat Sink
Holder, variable resistor
1-552-373-11 E
Switch, rotary slide; MONITOR/TAPE COPY (S2, S3)
Supplied with a variable resistor
Printed Circuit Board, EQ amp
Printed Circuit Board, flat amp
Holder, pushbutton switches
Sub-chassis
1-552-359-00 E
Switch, push-button; FUNCTION (S1)
Printed Circuit Board, volume
1-226-215-00 C
Resistor, variable; 100 kΩ/100 kΩ; BALANCE (RV201, 251)
1-552-374-00 E
Switch, rotary slide; FILTER (S4)
Supplied with a jack
Supplied with a switch
4-854-231-00 A
Stopper, variable resistor
1-518-115-XX Ⓑ
Lamp, PHONO/TUNER/AUX (PL801–803)
3-534-276-00 A
Holder, lamp
9-911-815-01 B
Cushion, t = 3
1-520-372-11 (-G)
1-520-372-21 (-R)
Meter, power (ME101)
1-520-372-11 (-G)
1-520-372-21 (-R)
Meter, power (ME151)


4-854-288-00
Cover, heat sink
4-854-283-00
Plate, terminal holder
4-854-284-00
Plate (D), terminal holder
4-854-295-00
Board, jack
Label, specification
Printed Circuit Board, input/output
Cover (B), heat sink
Retainer, transistor
Heat Sink (D)
Printed Circuit Board, power amp
Plate (B), shield
Heat Sink (C)
Holder, printed circuit board
Heat Sink (B)
Holder, transistor
Heat Sink (A)
Chassis
Lid, aluminum diecast box
Box, aluminum diecast
Printed Circuit Board, pulse-locked power supply
BVTT 3 x 8
BVTT 3 x 6
BVTT 3 x 16
BV 3 x 10
BV 3 x 6
P 3 x 12
B 3 x 6
Lug 3
W 3, spring
4-812-134-00 A Rivet, nylon
3-706-165-00 A Screw, feeder
3-701-993-00 A Washer, terminal
1-507-430-XX K Jack, phono 6p; PHONO/TUNER/AUX (J101–103, 151–153)
1-507-433-21 C Jack, phono 4p; TAPE 1/REC OUT 1 (J201, 202, 251, 252)
1-509-546-00 D Connector, ~ AC IN (CNJ701)
1-536-524-00 C Terminal Board, 4P; SPEAKER A/SPEAKER B (TM101, 151)
4-854-222-00 A Rubber, printed circuit board
4-854-202-00 C Sheet, insulation
4-854-205-00 B Sheet (C), insulation
4-854-229-00 B Plate, insulation
4-854-230-00 A Washer, insulation
3-418-709-00 A Label, ground terminal
4-854-249-00 B Fiber, insulation
4-854-204-00 B Sheet (B), insulation
4-854-254-00 C Sheet (D), insulation

ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION

GEDRUCKTE SCHALTUNGSPLATTEN / PRINTED CIRCUIT BORADS

	1-586-490-00	INPUT/OUTPUT
	1-586-492-00	SPEAKER

HALBLEITER / SEMICONDUCTORS

TRANSISTOREN / TRANSISTORS

Q101,151	8-761-700-00	2SC1637-0
Q102,152	8-729-387-27	2SA872D
Q103,153	8-765-082-20	2SA896
Q104,154	8-729-663-47	2SC1364
Q201,202	8-729-663-47	2SC1364
Q203	8-729-307-62	2SD476A
Q204	8-729-203-04	2SK30A
Q251,252	8-727-788-00	2SA678
Q253	8-729-306-62	2SB566A
Q254	8-729-203-04	2SK30A
Q301,351	8-729-663-47	2SC1364
Q302,352	8-727-788-00	2SA678
Q303,353	8-729-377-12	2SA771
Q304,354	8-729-308-62	2SC1986C-0
Q305,355	8-727-788-00	2SA678
Q306-308	8-729-663-47	2SC1364
Q309	8-727-788-00	2SA678
Q310,311	8-729-663-47	2SC1364
Q312	8-729-377-12	2SA771
Q313	8-729-308-62	2SC1986C
Q356,357	8-729-663-47	2SC1364
Q362	8-729-377-12	2SA771
Q363	8-729-308-62	2SC1986C
Q501	8-727-788-00	2SA678
Q502	8-729-663-47	2SC1364
Q503-506	8-729-302-31	2SC2023-R
	8-729-302-32	2SC2023-O

DIODEN / DIODES

D101,151	8-719-912-00	MV12N
D102	8-719-931-06	EQB01-06
D201	8-719-931-30	EQB01-30
D202,251	8-719-931-25	EQB01-25
D252	8-719-931-28	EQB01-28
D253	8-719-200-02	10E2
D301,351, D302,352	8-719-912-00	NV12N
D303,353, D304,354	8-719-923-76	IS2076A
D305,355	8-719-422-21	IT22AM
D306,356	8-719-815-55	IS1555
D307	8-719-920-30	MV203V
D308	8-719-815-55	IS1555
D309-312	8-719-911-55	U05G
D401,402, D451,452	8-719-422-21	IT22AM
D501,502	8-719-815-55	IS1555
D503-506	8-719-303-41	S34

ICs / ICs

IC201,251	8-759-314-57	HA1457
IC301,351	8-751-710-00	CX171

SPULEN / COILS

L101,151	1-407-165-00	47 µH, MICROINDUCTOR
L501	1-421-340-00	LINE FILTER
L502-506	1-421-329-00	10 µH, CHOKE

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION

TRANSFORMATOREN / TRANSFORMERS

T501	1-433-197-11
T503	1-446-012-11
T504	1-543-129-00

KONDENSATOREN / CAPACITORS

Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.

All capacitors are in µF and ceramic unless otherwise noted. 50WV or less not indicated except for electrolytics. pF = µµF, elect = electrolytic.

C101	1-121-651-11	10	16 V	ELECT
C102	1-102-973-11	100 p		
C103	1-121-424-11	470	6.3 V	ELECT
C104	1-108-576-12	0.0075		MYLAR
C105	1-108-589-12	0.027		MYLAR
C106	1-102-973-11	100 p		
C107	1-121-419-11	220	6.3 V	ELECT
C108,109	1-121-395-11	4.7	25 V	ELECT
C110	1-108-561-12	0.0018		MYLAR
C111	1-123-063-11	220	35 V	ELECT
C112	1-123-062-11	100	35 V	ELECT
C113	1-108-603-12	0.01		MYLAR
C114	1-123-197-11	100	6.3 V	ELECT
C15	1-121-651-11	10	16 V	ELECT
C152	1-102-873-11	100 p		
C153	1-121-424-11	470	6.3 V	ELECT
C154	1-108-576-12	0.0075		MYLAR
C155	1-108-589-12	0.027		MYLAR
C156	1-102-973-11	100 p		
C157	1-121-419-11	220	6.3 V	ELECT
C158,159	1-121-395-11	4.7	25 V	ELECT
C160	1-108-561-12	0.0018		MYLAR
C163	1-108-603-12	0.1		MYLAR
C201	1-121-391-11	1	50 V	ELECT
C202	1-102-945-11	8 p		
C203	1-102-943-11	6 p		
C204	1-102-938-11	1 p		
C205	1-121-352-11	47	10 V	ELECT
C206	1-104-074-11	750 p		POLYSTYROL
C207	1-108-581-12	0.012		MYLAR
C208	1-121-450-11	2.2	50 V	ELECT
C209	1-108-585-12	0.018	MYLAR	
C210	1-108-605-12	0.12		MYLAR
C211	1-108-567-12	0.0033		MYLAR
C212	1-102-982-11	180 p		
C213	1-108-611-12	0.22		MYLAR
C214	1-121-395-11	4.7	25 V	ELECT
C215	1-123-182-11	4.7	50 V	ELECT
C216	1-121-936-11	220	25 V	ELECT
C217,218	1-121-410-11	47	25 V	ELECT
C219	1-121-396-11	4.7	50 V	ELECT
C220	1-121-944-11	1000	16 V	ELECT
C221	1-123-064-11	330	35 V	ELECT
C251	1-121-391-11	1	50 V	ELECT
C252	1-102-945-11	8 p		
C253	1-102-943-11	6 p		
C254	1-102-938-11	1 p		
C255	1-121-352-11	47	10 V	ELECT
C256	1-104-074-11	750 p		POLYSTYROL
C257	1-108-581-12	ß.012		MYLAR
C258	1-121-450-11	2.2	50 V	ELECT
C259	1-108-585-12	0.018		MYLAR
C260	1-108-605-12	0.12		MYLAR
C261	1-108-567-12	0.0033		MYLAR
C262	1-102-982-11	180 p		
C263	1-108-611-12	0.22		MYLAR
C264	1-121-395-11	4.7	25 V	ELECT

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
C265	1-123-182-11	4.7 50 V ELECT
C266	1-121-936-11	220 25 V ELECT
C267,268	1-121-410-11	47 25 V ELECT
C269	1-121-396-11	4.7 50 V ELECT
C270	1-123-059-11	100 50 V ELECT
C301	1-121-726-11	0.47 50 V ELECT
C302	1-121-352-11	47 10 V ELECT
C303	1-102-973-11	100 p
C304	1-121-726-11	0.47 50 V ELECT
C305	1-106-196-11	0.01 100 V MYLAR
C306	1-108-591-12	0.033 MYLAR
C307	1-123-197-11	100 6.3 V ELECT
C308	1-108-567-12	0.0033 MYLAR
C309	1-121-419-11	220 6.3 V ELECT
C310	1-121-413-11	100 6.3 V ELECT
C311,312	1-123-256-11	2200 50 V ELECT
C313,314	1-123-291-11	680 200 V ELECT
C315	1-123-068-11	220 16 V ELECT
C316	1-121-393-11	3.3 50 V ELECT
C317	1-108-749-12	0.047 300 V MYLAR
C351	1-121-726-11	0.47 50 V ELECT
C352	1-121-352-11	47 10 V ELECT
C353	1-102-973-11	100 p
C354	1-121-726-11	0.47 50 V ELECT
C355	1-106-196-11	0.01 100 V MYLAR
C356	1-108-591-12	0.033 MYLAR
C357	1-123-197-11	100 6.3 V ELECT
C358	1-108-567-12	0.0033 MYLAR
C364	1-108-579-12	0.01 MYLAR
C365	1-123-068-11	220 16 V ELECT
C401	1-121-450-11	2.2 50 V ELECT
C402	1-121-479-11	22 16 V ELECT
C403	1-108-591-12	0.033 MYLAR
C451	1-121-450-11	2.2 50 V ELECT
C452	1-121-479-11	22 16 V ELECT
C453	1-108-591-12	0.033 MYLAR
C501	1-130-141-11	0.01 630 V POLYETHYLENE
C502,503	1-115-149-11	0.0015 450 V PAPER
C504	1-123-402-11	22 400 V ELECT
C505	1-108-595-12	0.047 MYLAR
C506	1-108-599-12	0.068 MYLAR
C507	1-130-141-11	0.01 630 V POLYETHYLENE
C508,509	1-121-656-11	330 50 V ELECT
C510,511	1-121-417-11	100 50 V ELECT
C512,513	1-108-969-11	0.22 250 V MYLAR
C514	1-102-973-11	100 p
C601	1-115-149-11	0.0015 450 V PAPER
C602	1-108-749-12	0.047 300 V MYLAR

WIDERSTÄNDE / RESISTORS

R241	1-206-662-11	820 2W METAL OXIDE (NONFLAMMABLE)
R220	1-212-889-11	220 ¼W CARBON (NONFLAMMABLE)
R223	1-206-706-11	160 3W METAL OXIDE (NONFLAMMABLE)
R224	1-212-978-11	68 ½W CARBON (NONFLAMMABLE)
R227	1-212-958-11	10 ½W CARBON (NONFLAMMABLE)
R228	1-212-978-11	68 ½W CARBON (NONFLAMMABLE)
R270	1-212-889-11	220 ¼W CARBON (NONFLAMMABLE)
R275	1-212-857-11	10 ¼W CARBON (NONFLAMMABLE)
R309,310	1-121-988-11	180 ½W CARBON (NONFLAMMABLE)
R316,317	1-217-152-11	0.33 2W WIREWOUND
R322	1-211-502-11	15 ¼W CARBON (NONFLAMMABLE)
R325	1-244-883-11	2.7 k ½W CARBON
R335	1-206-654-11	390 2W MATAL OXIDE (NONFLAMMABLE)
R336	1-244-874-11	1.1 k ½W CARBON
R340,341	1-127-152-11	0.33 2W WIREWOUND
R359,360	1-121-988-11	180 ¼W CARBON (NONFLAMMABLE)
R362	1-244-885-11	3.3 k ½W CARBON
R366,367	1-217-152-11	0.33 2W WIREWOUND
R372	1-211-502-11	15 ¼W CARBON (NONFLAMMABLE)
R390,391	1-217-152-11	0.33 2W WIREWOUND
R401	1-244-825-11	10 ½W CARBON
R402	1-244-877-11	1.5 k ½W CARBON
R403	1-244-873-11	1 k ½W CARBON
R404	1-244-825-11	10 ½W CARBON
R405	1-244-865-11	470 ⁷W CARBON
R451	1-244-825-11	10 ½W CARBON
R452	1-244-877-11	1.5 k ½W CARBON
R453	1-244-873-11	1 k ½W CARBON
R454	1-244-825-11	10 ½W CARBON
R455	1-244-865-11	470 ½W CARBON
R502	1-214-167-11	30 k ¼W METAL OXIDE
R503	1-214-128-11	680 ¼W METAL OXIDE
R504	1-214-142-11	2.7 k ¼W METAL OXIDE
R506	1-212-369-11	5.6 1W METAL OXIDE
R507–510	1-121-356-11	0.47 1W METAL OXIDE (NONFLAMMABLE)
RT301	1-224-251-XX	4.7 k, ADJUSTABLE; DC BALANCE
RT 302	1-224-254-XX	47 k, ADJUSTABLE; DC BIAS
RT351	1-224-251-XX	4.7 k, ADJUSTABLE; DC BALANCE
RT352	1-224-254-XX	47 k, ADJUSTABLE; DC BIAS
RT401	1-221-997-11	2.2 k, ADJUSTABLE; METER LEVEL
RT451	1-221-997-11	2.2 k, ADJUSTABLE; METER LEVEL
RV201,251	1-226-215-00	100 k/100 k, VARIABLE; BALANCE
RV202/252/ RV205,255	)	100 k/100 k/10 k/10 k, VARIABLE; VOLUME
RV203,253	1-226-211-00	100 k/100 k,VARIABLE; TREBLE
RV204,254	1-226-212-00	100 k/100 k, VARIABLE; BASS

SCHALTER / SWITCHES

S1	1-552-359-00	PUSHBUTTON; FUNCTION
S2	1-552-373-00	ROTARY SLIDE; MONITOR
S3	1-552-373-00	ROTARY SLIDE; TAPE COPY
S4	1-552-374-00	ROTARY SLIDE; FILTER
S5	1-552-372-00	ROTARY SLIDE; SPEAKERS
S6	1-552-206-11	POWER

ANSCHLÜSSE / JACKS

J101–103, J151–153)	1-507-430-00	JACK, 6P; PHONO/TUNER/AUX
J201,202, J251,252)	1-507-433-21	JACK, 4P; TAPE 1/REC OUT 1
J401	1-507-561-00	JACK, HEADPHONES

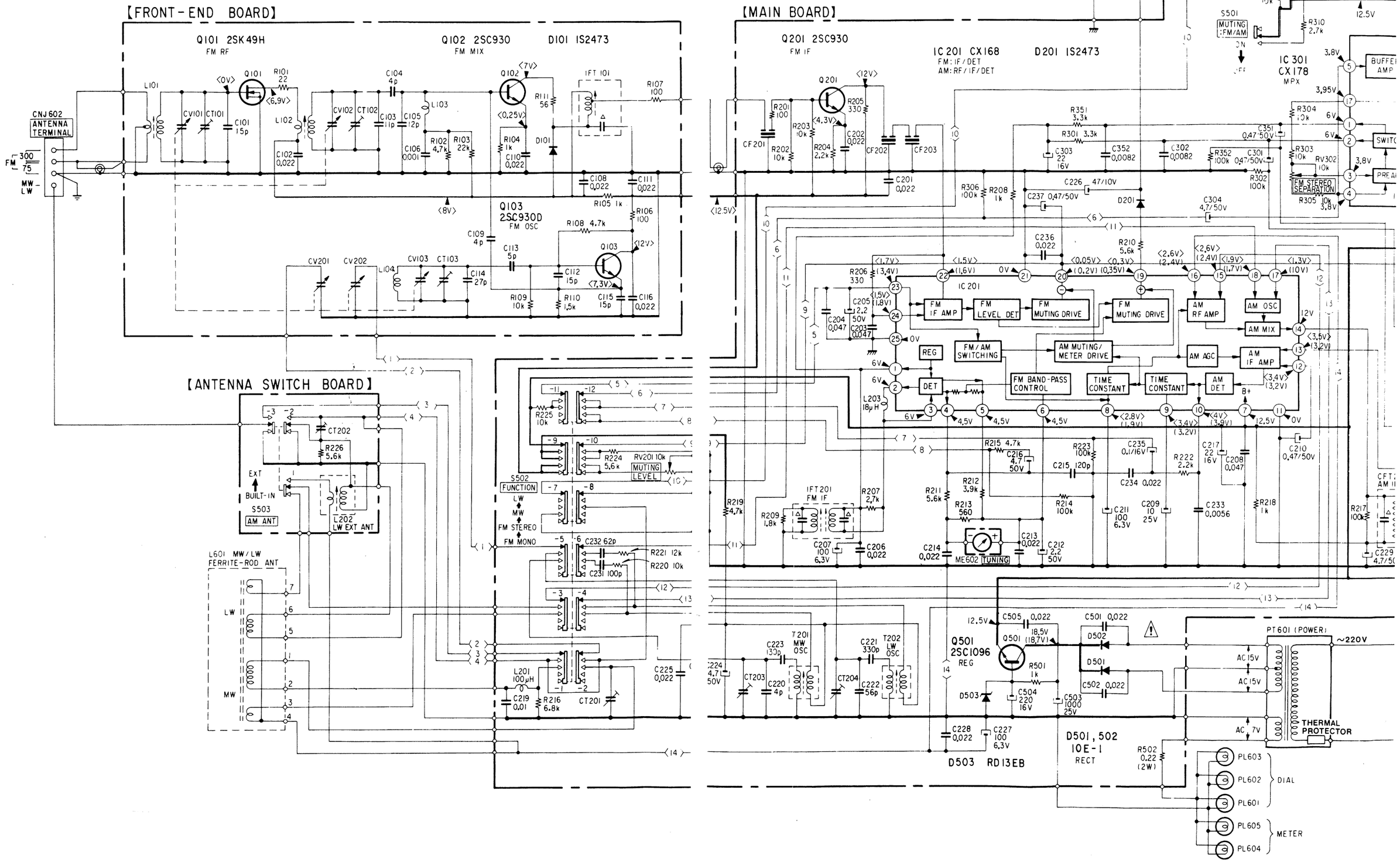
SONSTIGES / MISCELLANEOUS

CNJ201	1-509-549-11	CONNECTOR; REC/PB
CNJ701	1-509-546-11	CONNECTOR; ~ AC IN
F601	1-532-286-00	FUSE, 2.5A
F602	1-532-299-00	FUSE, 5A
ME101,151	1-520-372-11	METER, POWER
PL801/802/ 803	1-518-115-00	LAMP; PHONO LAMP; TUNER

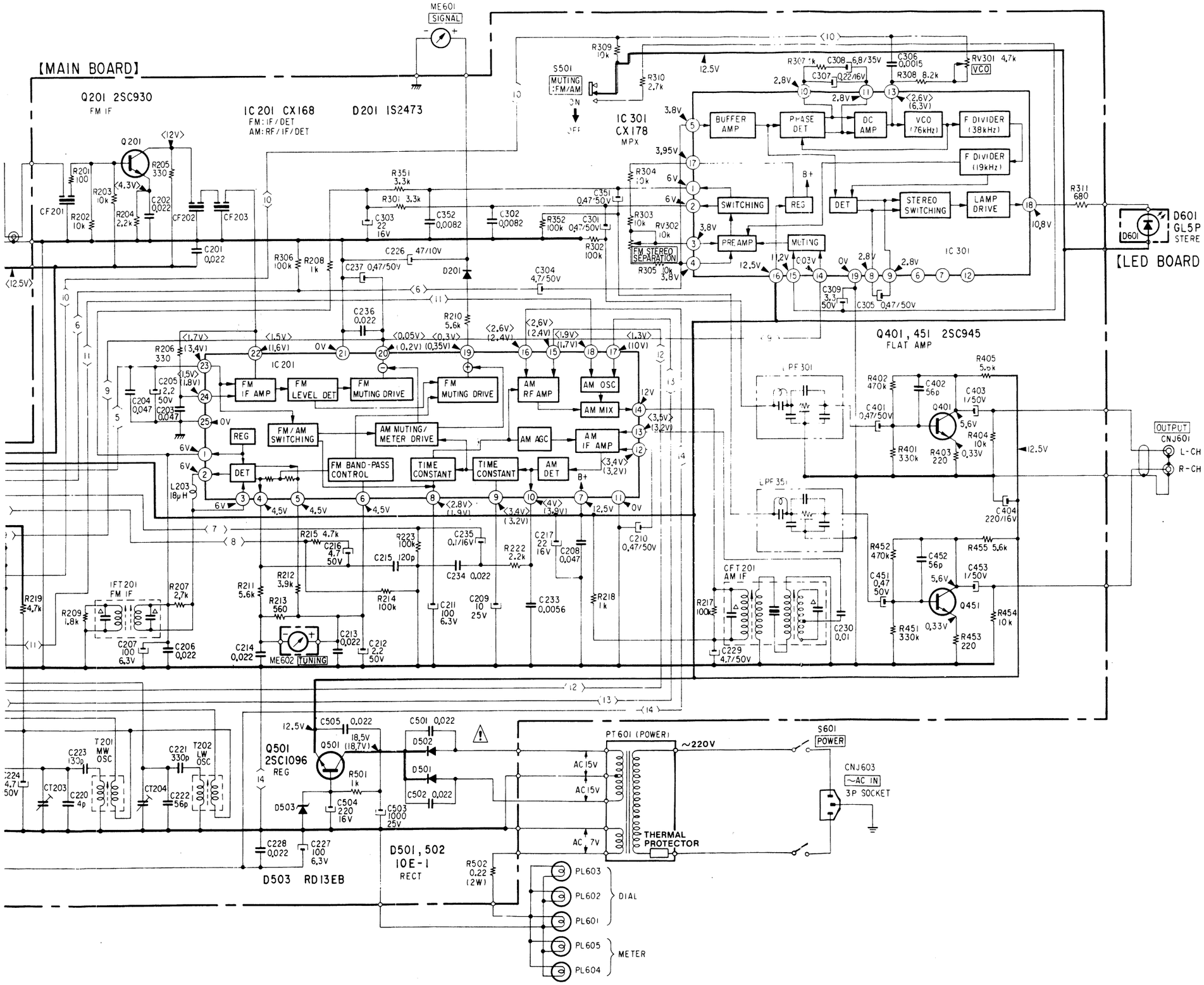
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
RY301	1-515-302-00	RELAY
RY601	1-516-278-00	RELAY
TM101,151	1-536-524-00	TERMINAL BOARD, 4 P; SPEAKER A/B
	1-533-131-00	HOLDER, FUSE

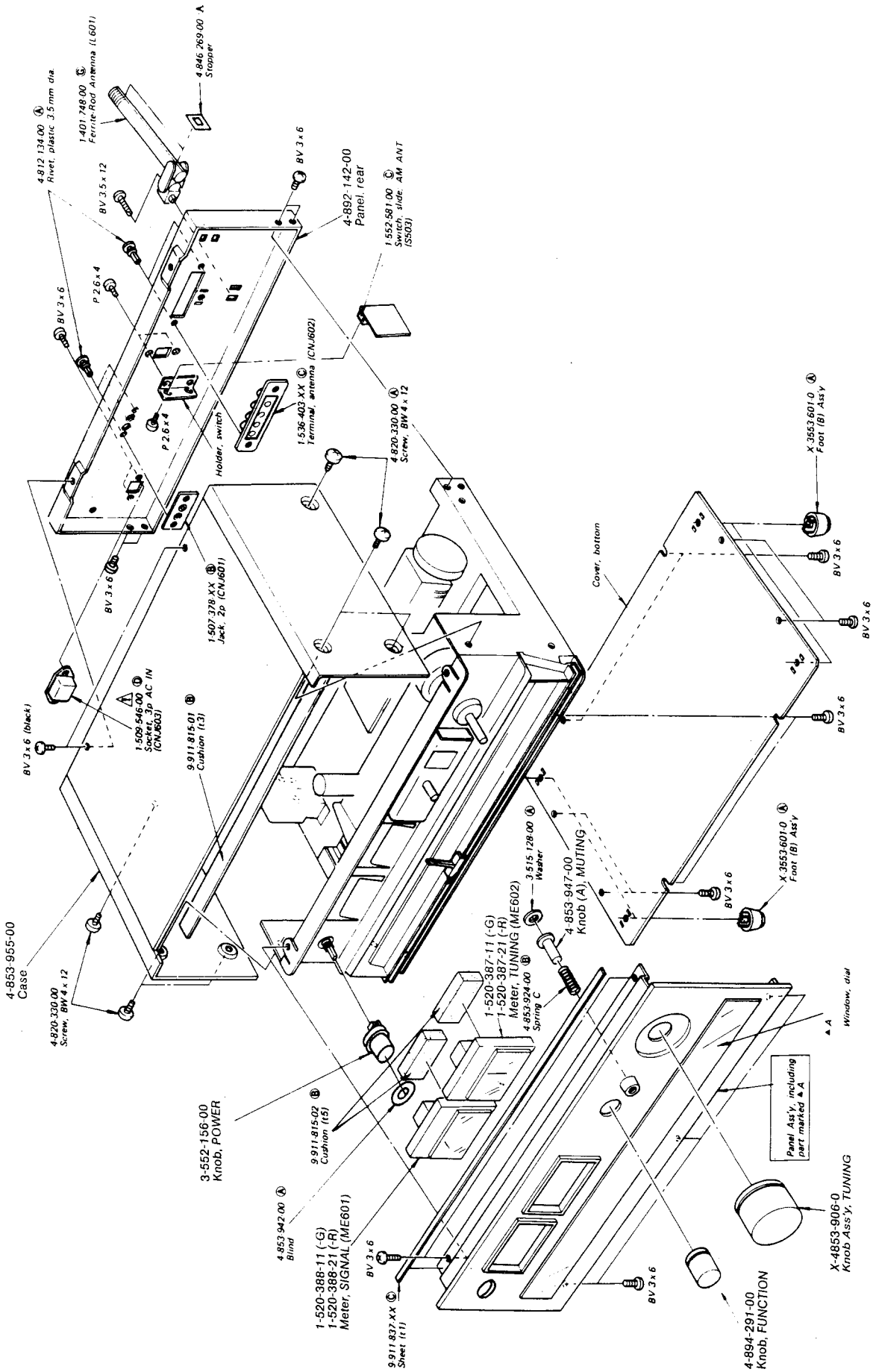
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS		
	4-854-273-00	CUSHION
	4-859-102-00	CARTON

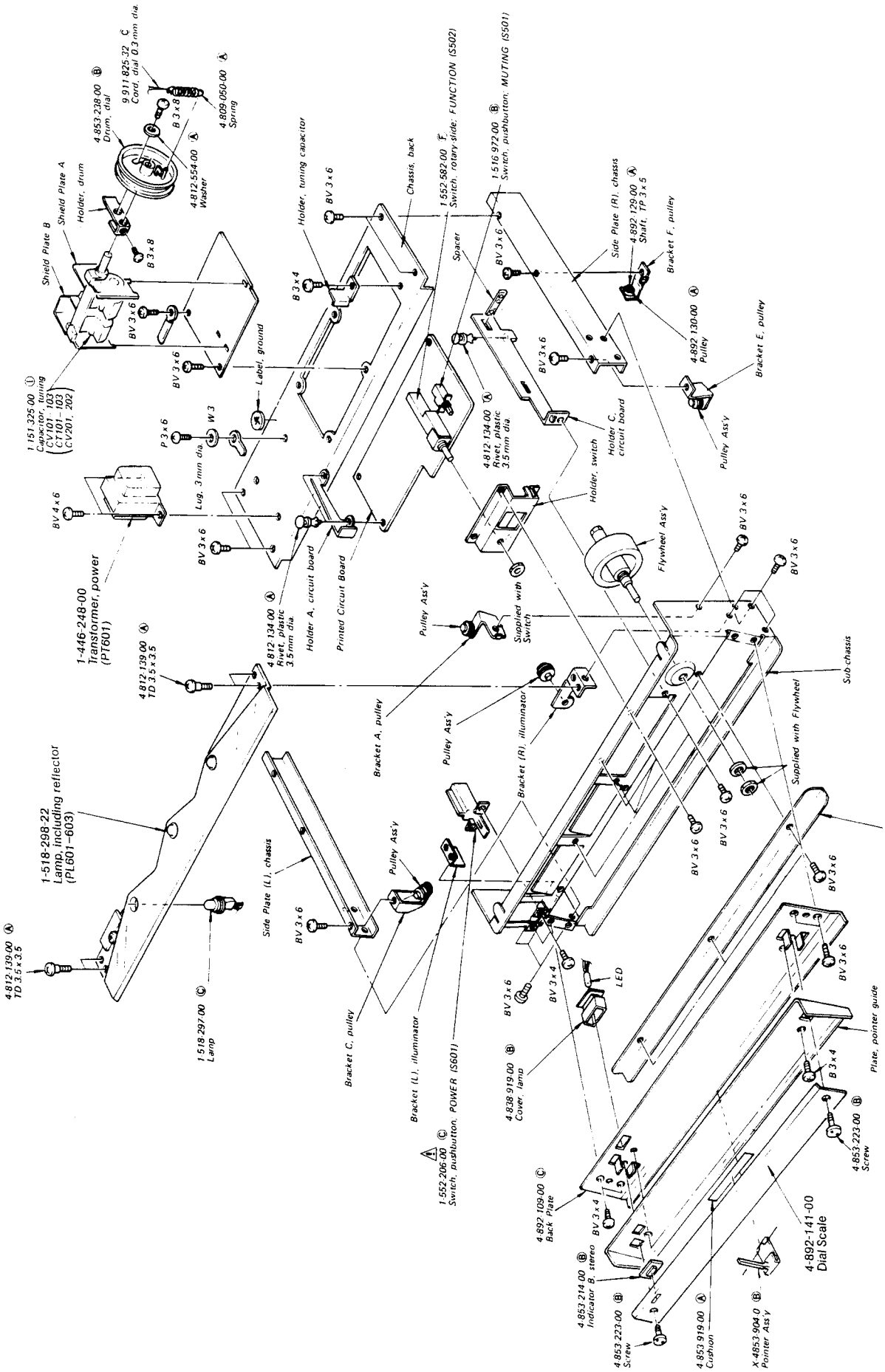
21 leer


【FRONT-END BOARD】
Q101 2SK49H
FM RF
Q102 2SC930
FM MIX
D101 IS2473
Q103
2SC930D
FM OSC
CNJ602
ANTENNA
TERMINAL
FM 300
75
MW-
LW
【ANTENNA SWITCH BOARD】
CT202
R226
5.6k
EXT
BUILT-IN
S503
AM ANT
L202
LW EXT ANT
L601 MW/LW
FERRITE-ROD ANT
LW
MW
S502
FUNCTION
LW
MW
FM STEREO
FM MONO
R225
10k
R224
5.6k
RV201 10k
MUTING
LEVEL
R221 12k
R220 10k
C232 62p
C231 100p
L201
100μH
C219
0.01
R216
6.8k
CT201
C225
0,022
【MAIN BOARD】
ME601
SIGNAL
Q201 2SC930
FM IF
IC 201 CX168
FM: IF/DET
AM: RF/IF/DET
D201 IS2473
IC 301
CX178
MPX
S501
MUTING
FM/AM
ON
OFF
IFT 201
FM IF
FM IF AMP
FM LEVEL DET
FM MUTING DRIVE
FM MUTING DRIVE
AM RF AMP
AM OSC
AM MIX
AM AGC
AM IF AMP
AM DET
REG
FM/AM SWITCHING
AM MUTING/METER DRIVE
FM BAND-PASS CONTROL
TIME CONSTANT
TIME CONSTANT
DET
ME602 TUNING
FM STEREO SEPARATION
BUFFER AMP
PRE AMP
SWITCH
T201 MW OSC
T202 LW OSC
Q501
2SC1096
REG
D502
D501
D503 RD13EB
D501, 502
10E-1
RECT
PT601 (POWER)
~220V
THERMAL PROTECTOR
PL603
PL602
PL601
PL605
PL604
DIAL
METER

21 leer


【MAIN BOARD】
ME601 SIGNAL
Q201 2SC930
FM IF
IC201 CX168
FM: IF/DET
AM: RF/IF/DET
D201 1S2473
S501 MUTING :FM/AM
IC301 CX178 MPX
BUFFER AMP
PHASE DET
DC AMP
VCO (76kHz)
F DIVIDER (38kHz)
F DIVIDER (19kHz)
SWITCHING
REG
DET
STEREO SWITCHING
LAMP DRIVE
PREAMP
MUTING
FM STEREO SEPARATION
IC 301
D601 GL5P STERE
【LED BOARD
Q401, 451 2SC945
FLAT AMP
OUTPUT CNJ601
L-CH
R-CH
FM IF AMP
FM LEVEL DET
FM MUTING DRIVE
FM MUTING DRIVE
AM RF AMP
AM OSC
AM MIX
AM IF AMP
AM AGC
AM MUTING/ METER DRIVE
FM/AM SWITCHING
REG
DET
FM BAND-PASS CONTROL
TIME CONSTANT
TIME CONSTANT
AM DET
IFT201 FM IF
CFT201 AM IF
ME602 TUNING
T201 MW OSC
T202 LW OSC
Q501 2SC1096 REG
D503 RD13EB
D501, 502 10E-1 RECT
PT601 (POWER)
~220V
AC 15V
AC 15V
AC 7V
THERMAL PROTECTOR
S601 POWER
CNJ603 ~AC IN 3P SOCKET
PL603
PL602
PL601
PL605
PL604
DIAL
METER


4-853-955-00
Case
4-892-142-00
Panel, rear
4-894-291-00
Knob, FUNCTION
X-4853-906-0
Knob Ass'y, TUNING
4-853 947-00
Knob (A), MUTING
3-552-156-00
Knob, POWER
Cover, bottom
Window, dial
Panel Ass'y, including part marked ▲A
Holder, switch
1-520-387-11 (-G)
1-520-387-21 (-R)
Meter, TUNING (ME602)
1-520-388-11 (-G)
1-520-388-21 (-R)
Meter, SIGNAL (ME601)
4 812 134-00 Rivet, plastic 3.5mm dia
1-401 748-00 Ferrite Rod Antenna (L601)
4 846 269-00 A Stopper
BV 3.5x12
BV 3x6
P 2.6x4
1 552 581-00 Switch, slide: AM ANT (S503)
1 536 403-XX Terminal, antenna (CN-602)
4-820-330-00 Screw, BW 4x12
1 507 378-XX Jack, 2p (CN-601)
BV 3x6 (black)
1 509 546-00 Socket, 3p AC IN (CN-603)
9 911 815-01 Cushion (t3)
X 3553 601-0 Foot (B) Ass'y
3 515 128-00 Washer
4 853 924-00 Spring C
9 911 815-02 Cushion (t5)
4 853 942-00 Blind
9 911 837-XX Sheet (t1)

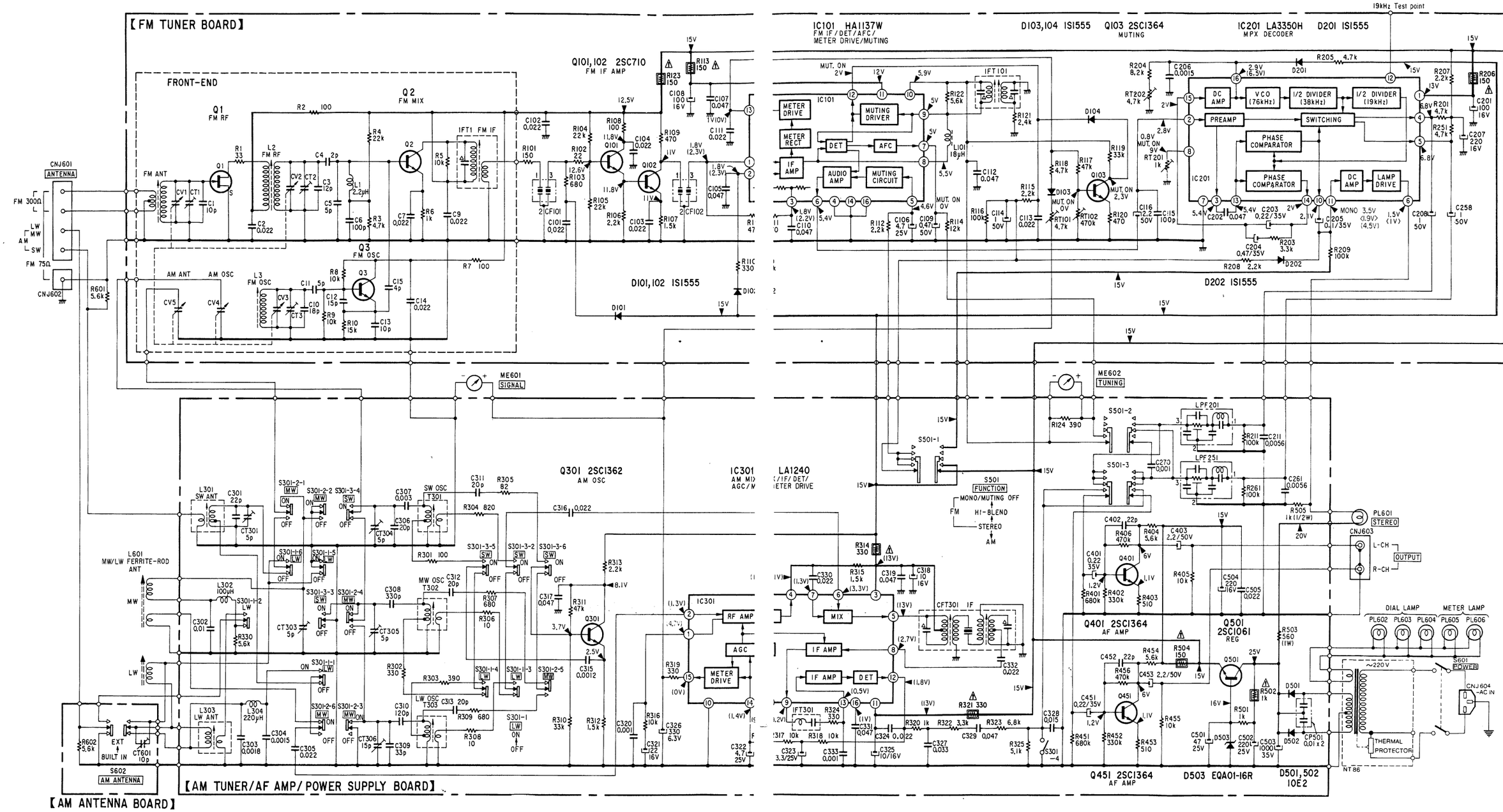

4-892-141-00
Dial Scale
1-518-298-22
Lamp, including reflector
(PL601–603)
1-446-248-00
Transformer, power
(PT601)
1 151 325 00
Capacitor, tuning
(CV101, 103)
(CT101–103)
(CV201, 202)
4 853 238 00
Drum, dial
9 911 825 22
Cord, dial 0.3 mm dia.
4 809 050 00
Spring
4 812 554 00
Washer
Shield Plate B
Shield Plate A
Holder, drum
Label, ground
Lug, 3 mm dia
Holder, tuning capacitor
Chassis, back
Printed Circuit Board
Holder A, circuit board
Spacer
1 552 582 00
Switch, rotary slide; FUNCTION (S502)
1 516 972 00
Switch, pushbutton; MUTING (S501)
4 812 134 00
Rivet, plastic 3.5 mm dia.
Holder, switch
Holder C, circuit board
Side Plate (R), chassis
4 892 129 00
Shaft, TP 3 x 5
Bracket F, pulley
4 892 130 00
Pulley
Bracket E, pulley
Pulley Ass'y
Flywheel Ass'y
Supplied with Switch
Pulley Ass'y
4 812 139 00
TD 3.5 x 3.5
Bracket A, pulley
Pulley Ass'y
Bracket (R), illuminator
Sub chassis
Supplied with Flywheel
Side Plate (L), chassis
Pulley Ass'y
Bracket C, pulley
Bracket (L), illuminator
1 552 206 00
Switch, pushbutton, POWER (S601)
1 518 297 00
Lamp
4 838 919 00
Cover, lamp
LED
4 892 109 00
Back Plate
4 853 214 00
Indicator B, stereo
4 853 223 00
Screw
4 853 919 00
Cushion
X 4853 904 0
Pointer Ass'y
4 853 223 00
Screw
Plate, pointer guide
BV 3 x 6
BV 3 x 4
B 3 x 8
B 3 x 4
P 3 x 6
W 3

ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
TRANSISTOREN / TRANSISTORS		
Q101	8-727-312-00	2SK42-2
Q102	8-729-803-04	2SC930
Q103	8-729-803-04	2SC930
Q201	8-729-803-04	2SC930
Q401,451	8-729-663-47	2SC1364
Q501	8-729-217-33	2SC1173
ICs / ICs		
IC201	8-751-680-01	CX168
IC301	8-751-780-00	CX178
DIODEN / DIODES		
D101,201	8-719-815-55	1S1555
D501,501	8-719-200-02	10E2
D503	8-719-931-13	EQB01-13
D601	8-719-801-09	TLR-109
SPULEN / COILS		
L101	1-459-233-00	FM RF
L102	1-405-599-00	FM RF
L201	1-407-169-XX	100 µH, MICROINDUCTOR
L202	1-401-709-00	LW ANT
L203	1-407-741-00	18 µH, MICROINDUCTOR
L601	1-401-748-00	FERRITE-ROD ANTENNA
TRANSFORMATOREN / TRANSFORMERS		
PT601	1-446-248-00	POWER
T201	1-405-817-00	MW OSC
IFT101	1-403-914-00	FM IFT
IFT201	1-404-011-00	DISCRIMINATOR
CFT201	1-404-087-00	AM IF
KONDENSATOREN / CAPACITORS		
Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.		All capacitors are in µF and ceramic unless otherwise noted. 50WV or less are not indicated except for electrolytics and tantalum. pF: µµF, elect: electrolytic.
C101	1-102-951-11	15 p
C102	1-101-924-11	0.022
C103	1-102-948-11	11 p
C104	1-102-941-11	4 p
C105	1-102-949-11	12 p
C106	1-101-918-11	0.001
C108	1-101-924-11	0.022
C109	1-102-683-11	4 p
C110,111	1-101-924-11	0.022
C112	1-101-971-11	15 p
C113	1-101-970-11	5 p
C114	1-102-643-11	27 p
C115	1-102-951-11	15 p
C116	1-101-924-11	0.022
C201,202	1-101-924-11	0.022
C203,204	1-101-925-11	0.047
C205	1-121-450-11	2.2 50 V ELECT
C206	1-101-924-11	0.022
C207	1-121-652-11	33 35 V ELECT
C208	1-101-925-11	0.047
C209	1-121-398-11	10 25 V ELECT
C210	1-121-726-11	0.47 50 V ELECT
C211	1-121-652-11	33 35 V ELECT
C212	1-121-450-11	2.2 50 V ELECT
C213,214	1-101-924-11	0.022
C215	1-101-340-11	120 p
C216	1-121-396-11	4.7 50 V ELECT
C217	1-121-479-11	22 16 V ELECT
C219	1-108-239-12	0.01 MYLAR
C220	1-102-941-11	4 p
C221	1-104-065-11	330 p STYROL
C222	1-101-885-11	56 p
C223	1-104-056-11	130 p STYROL
C224	1-121-396-11	4.7 50 V ELECT
C225	1-101-924-11	0.022
C226	1-121-352-11	47 10 V ELECT
C227	1-121-652-11	33 35 V ELECT
C228	1-101-924-11	0.022
C229	1-121-396-11	4.7 50 V ELECT
C230	1-108-239-12	0.01 MYLAR
C231	1-102-975-11	100 p
C232	1-101-886-11	62 p
C233	1-108-355-12	0.0056 MYLAR
C234	1-108-242-12	0.022 MYLAR
C235	1-131-451-11	0.1 16 V TANTALUM
C236	1-101-924-11	0.022
C237	1-121-726-11	0.47 50 V ELECT
C301	1-121-736-11	0.47 50 V ELECT
C302	1-108-356-12	0.0082 MYLAR
C303	1-121-479-11	22 16 V ELECT
C304	1-121-396-11	4.7 50 V ELECT
C305	1-121-726-11	0.47 50 V ELECT
C306	1-108-228-12	0.0015 MYLAR
C307	1-131-453-11	0.22 16 V TANTALUM
C308	1-131-239-11	6.8 35 V TANTALUM
C309	1-121-393-11	3.3 50 V ELECT
C351	1-121-726-11	0.47 50 V ELECT
C352	1-108-356-12	0.0082 MYLAR
C401	1-121-726-11	0,47 50 V ELECT
C402	1-101-885-11	56 p
C403	1-121-391-11	1 50 V ELECT
C404	1-121-421-11	220 16 V ELECT
C451	1-121-726-11	0.47 50 V ELECT
C452	1-101-885-11	56 p
C453	1-121-391-11	1 50 V ELECT
C501,502	1-101-924-11	0.022
C503	1-121-657-11	1000 ELECT
C504	1-121-421-11	220 16V ELECT
C505	1-101-924-11	0.022
CT201	1-141-138-XX	TRIMMER
CT202	1-141-147-XX	TRIMMER
CT203	1-141-138-XX	TRIMMER
CT204	1-141-147-XX	TRIMMER
CV101–103		
CT101–103	1-151-325-00	TUNING
CV201,202		

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
WIDERSTÄNDE / RESISTORS		
R502	1-217-151-11	0.22 2W WIREWOUND
RV201	1-226-236-00	10 k, ADJUSTABLE, MUTING LEVEL
RV301	1-226-235-00	4.7 k, ADJUSTABLE; VCO
RV302	1-226-236-00	10 k, ADJUSTABLE; FM STEREO SEPARATION
SCHALTER / SWITCHES		
S501	1-516-972-00	PUSHBUTTON, MUTING FM/AM
S502	1-552-582-00	ROTARY-SLIDE, FUNCTION
S503	1-552-581-00	SLIDE, AM ANT
S601		PUSHBUTTON, POWER

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
SONSTIGES / MISCELLANEOUS		
CF201–203	1-527-307-XX	CERAMIC FILTER
CNJ601	1-507-378-XX	JACK, 2 p
CNJ602	1-536-403-XX	TERMINAL, ANTENNA
CNJ603	1-509-546-00	SOCKET, 3 p AC IN
LPF301,351	1-231-303-00	LOWPASS FILTER
ME601	1-520-388-11	METER, SIGNAL
	1-520-388-21	METER, SIGNAL
ME602	1-520-387-11	METER, TUNING
	1-520-21	METER, TUNING
PI601–603	1-518-297-00	LAMP
PL601–603	1-518-298-22	LAMP, INCLUDING REFLECTOR
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS		
	1-501-161-00	FEEDER ANTENNA
	4-892-106-00	CUSHION
	4-842-844-00	CARTON

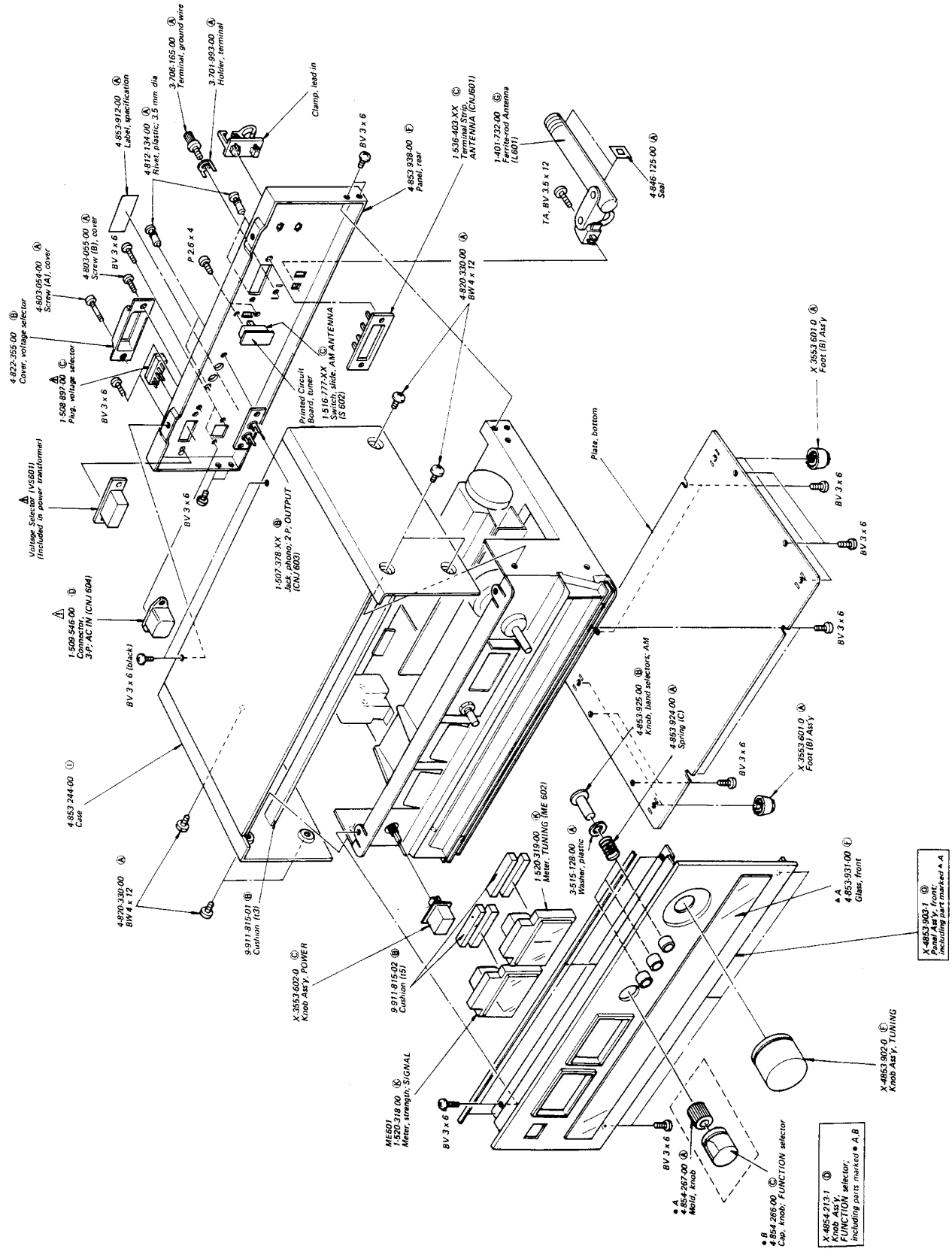


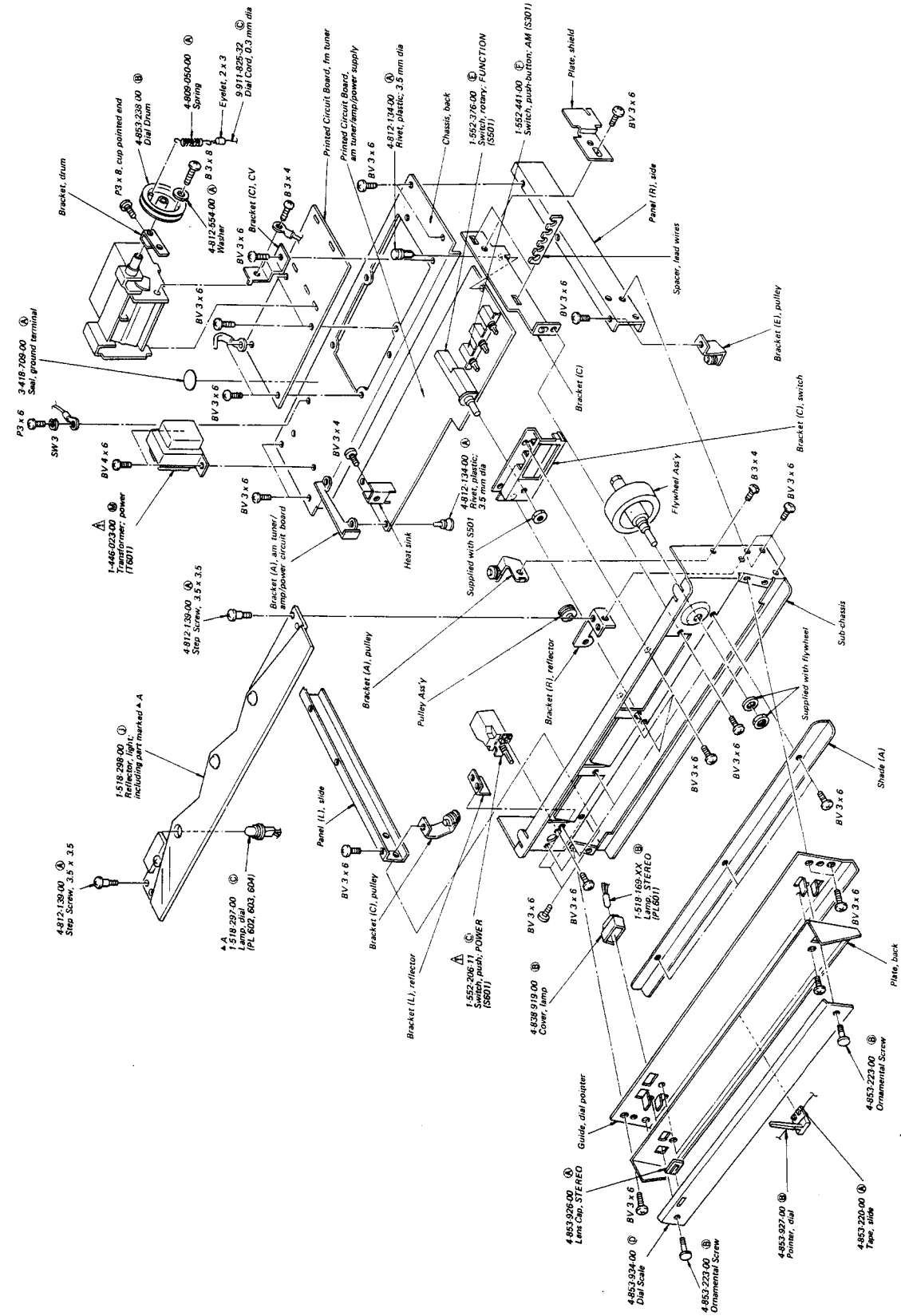
- Switch

Ref. No.
S301-1-1～-1-6
S301-2-1～-2-6
S301-3-2～-3-6
S501
S601
S602

Switch	Position
LW	OFF
MW	ON
SW	OFF
FUNCTION	FM STEREO
POWER	OFF
AM ANTENNA	BUILT IN

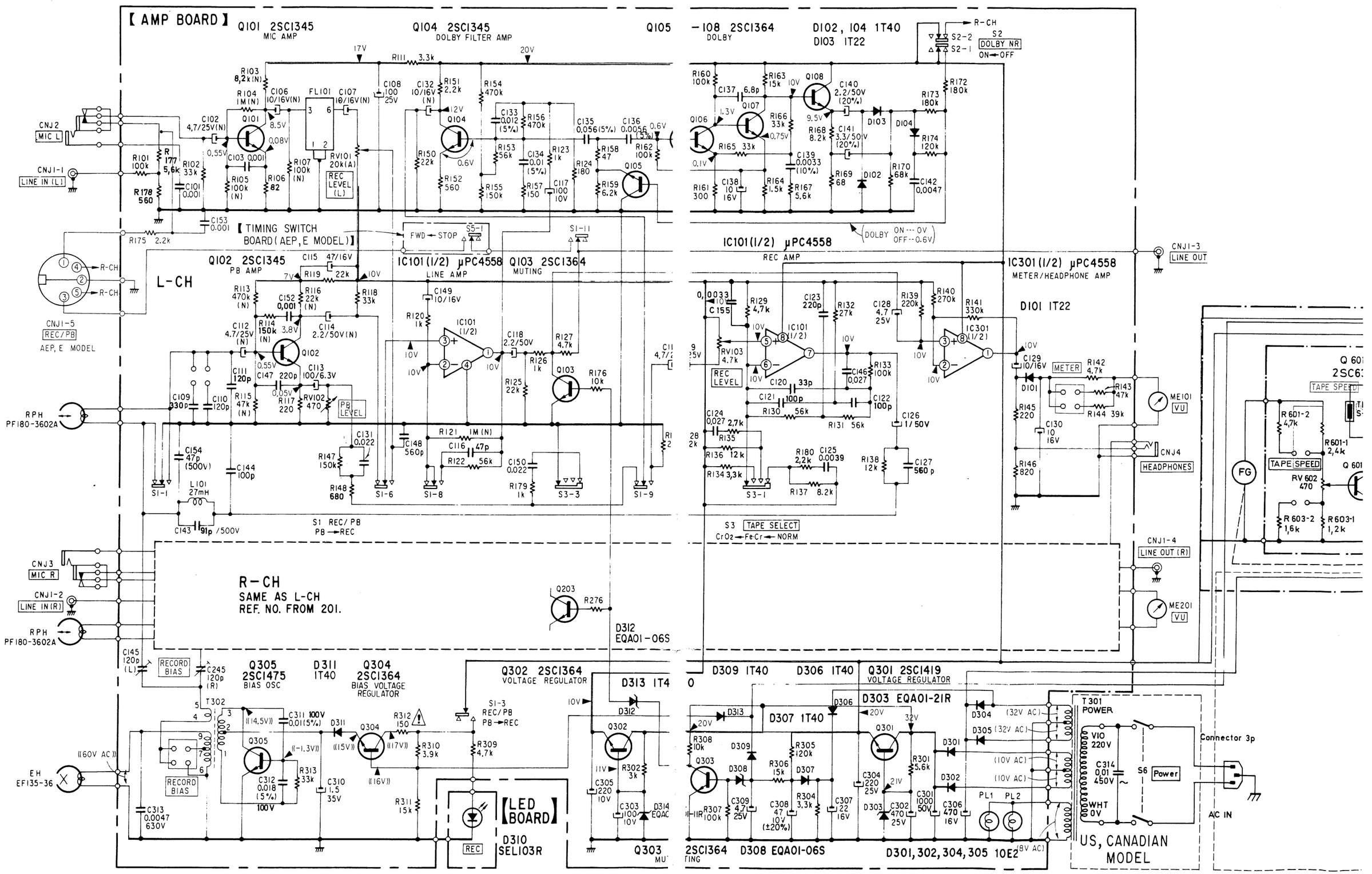
29 Rec'd

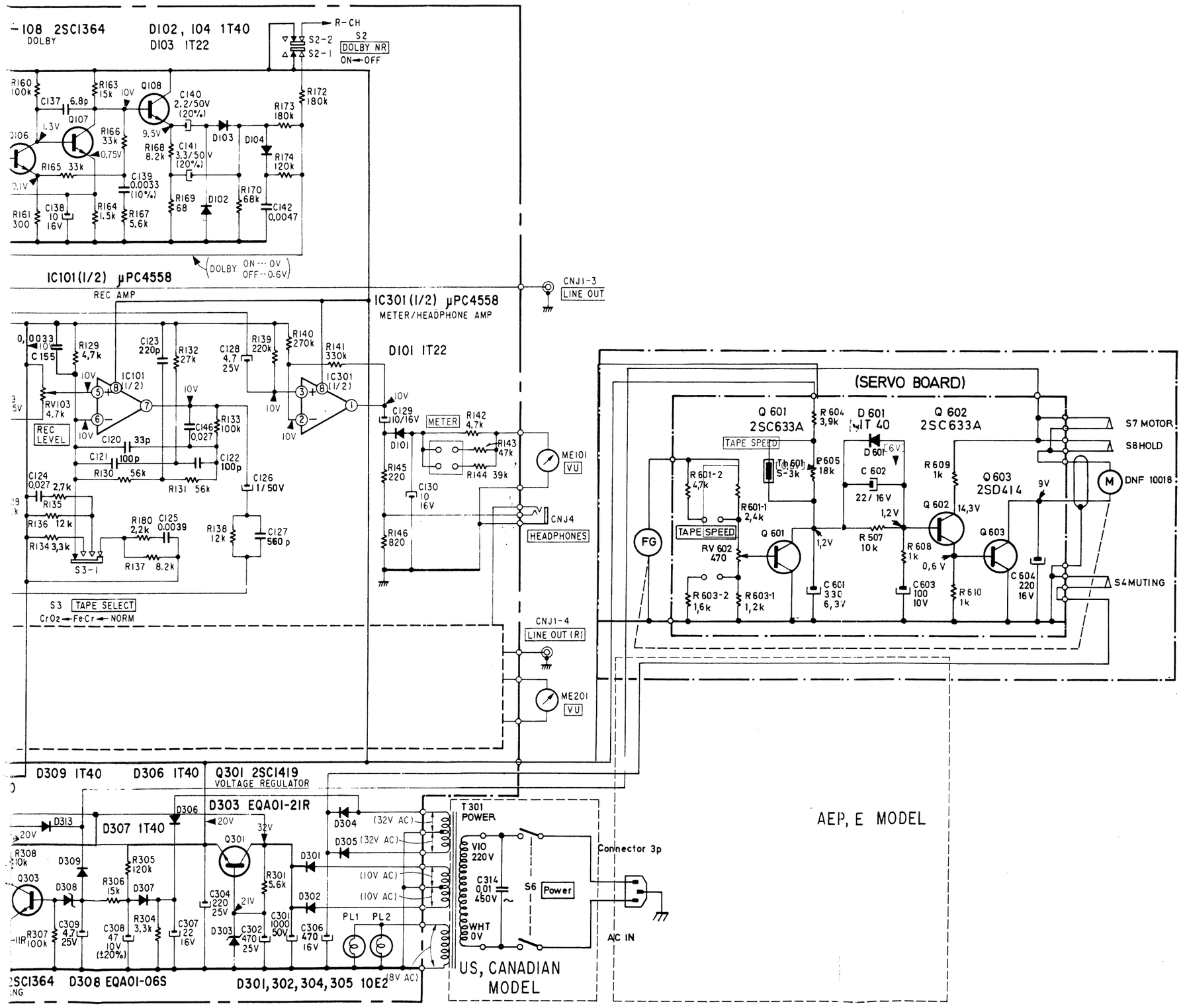

4 822 355 00 (B) Cover, voltage selector
4 803 054 00 (A) Screw (A), cover
4 803 055 00 (A) Screw (B), cover
4 853 912 00 (A) Label, specification
4 812 134 00 (A) Rivet, plastic, 3.5 mm dia
3 706 165 00 (A) Terminal, ground wire
3 701 903 00 (A) Holder, terminal
Clamp, lead-in
4 853 938 00 (F) Panel, rear
1 536 403 XX (C) Terminal block ANTENNA (CNJ601)
1 401 722 00 (G) Ferrite rod Antenna (L601)
4 846 125 00 (A) Seat
TA, BV 3.5 x 12
4 820 330 00 BW 4 x 12
BV 3 x 6
P 2.6 x 4
1 508 897 00 (C) Plug, voltage selector
Printed Circuit Board, tuner
1 516 717 XX (C) Switch, slide, AM ANTENNA (S 602)
Voltage Selector (VS601) (Included in power transformer)
1 507 378 XX (B) Jack, phono, 2 P, OUTPUT (CNJ 603)
1 509 546 00 (B) Connector, 3P, AC IN (CNJ 604)
BV 3 x 6 (black)
4 853 244 00 (1) Case
Plate, bottom
X 3553 601 0 (A) Foot (B) Ass'y
4 853 925 00 (B) Knob, band selectors, AM
4 853 924 00 (A) Spring (C)
X 3553 601 0 (A) Foot (B) Ass'y
1 520 319 00 (K) Meter, TUNING (ME 602)
3 515 128 00 (A) Washer, plastic
▲A 4 853 931 00 (F) Glass, front
9 911 815 01 (B) Cushion (t3)
X 3553 602 0 (C) Knob Ass'y, POWER
9 911 815 02 (B) Cushion (t5)
ME601 1 520 318 00 (K) Meter, strength, SIGNAL
X 4853 902 0 (F) Knob Ass'y, TUNING
X 4853 903 1 (D) Panel Ass'y, front; including part marked ▲A
X 4854 213 1 (D) Knob Ass'y, FUNCTION selector; including parts marked • A,B
•A 4 854 267 00 (A) Mold, knob
•B 4 854 266 00 (C) Cap, knob, FUNCTION selector

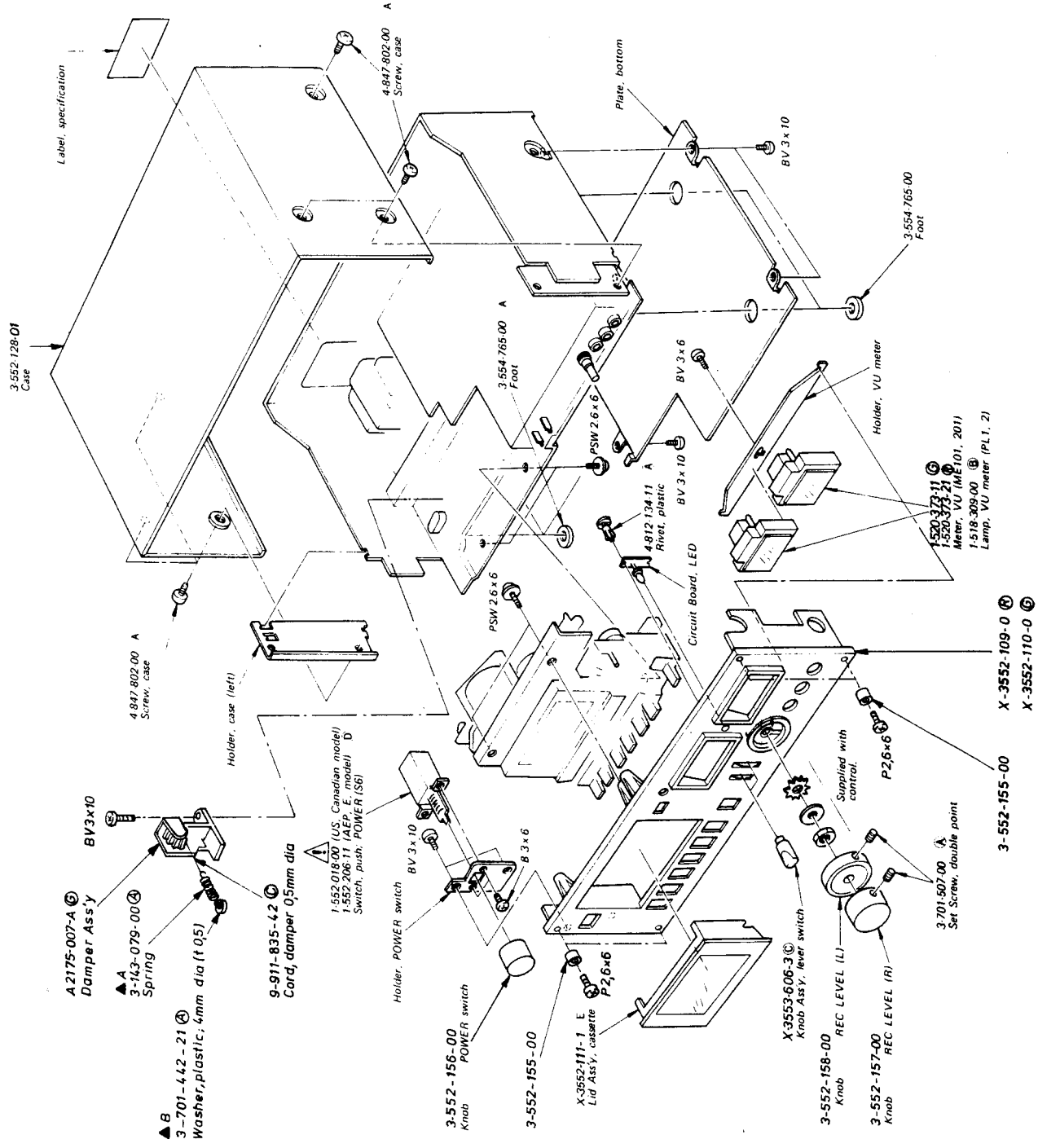

Bracket, drum
P3 x 8, cup pointed end
4-853-238-00 Ⓑ Dial Drum
4-809-050-00 Ⓐ Spring
Eyelet, 2 x 3
9-911-825-32 Ⓒ Dial Cord, 0.3 mm dia
4-812-654-00 Ⓐ Washer
B 3 x 8
BV 3 x 6
Bracket (C), CV
B 3 x 4
Printed Circuit Board, fm tuner
Printed Circuit Board, am tuner/amp/power supply
4-812-134-00 Ⓐ Rivet, plastic, 3.5 mm dia
Chassis, back
1-552-376-00 Ⓔ Switch, rotary, FUNCTION (S501)
1-552-441-00 Ⓕ Switch, push-button, AM (S301)
Plate, shield
Panel (R), side
Spacer, lead wires
Bracket (E), pulley
Bracket (C)
3-418-709-00 Ⓐ Seal, ground terminal
P3 x 6
SW 3
BV 4 x 6
1-446-023-00 Ⓑ Transformer, power (T601)
Bracket (A), am tuner/ amp/power circuit board
Heat sink
4-812-134-00 Ⓐ Rivet, plastic, 3.5 mm dia
Supplied with S501
Bracket (C), switch
Flywheel Ass'y
4-812-139-00 Ⓐ Step Screw, 3.5 x 3.5
Bracket (A), pulley
Pulley Ass'y
Bracket (R), reflector
Sub-chassis
1-518-396-00 Ⓘ Reflector, light, including part marked ▲ A
Supplied with flywheel
Shade (A)
Panel (L), slide
Bracket (C), pulley
Bracket (L), reflector
4-812-139-00 Ⓐ Step Screw, 3.5 x 3.5
▲ A 1-518-397-00 Ⓒ Lamp, dial (PL 602, 603, 604)
1-552-206-11 Ⓒ Switch, push, POWER (S601)
4-638-919-00 Ⓑ Cover, lamp
1-518-169-XX Ⓑ Lamp, STEREO (PL601)
Plate, back
Guide, dial pointer
4-853-926-00 Ⓐ Lens Cap, STEREO
4-853-934-00 Ⓒ Dial Scale
4-853-223-00 Ⓑ Ornamental Screw
4-853-927-00 Ⓑ Pointer, dial
4-853-220-00 Ⓐ Tape, slide
4-853-223-00 Ⓑ Ornamental Screw

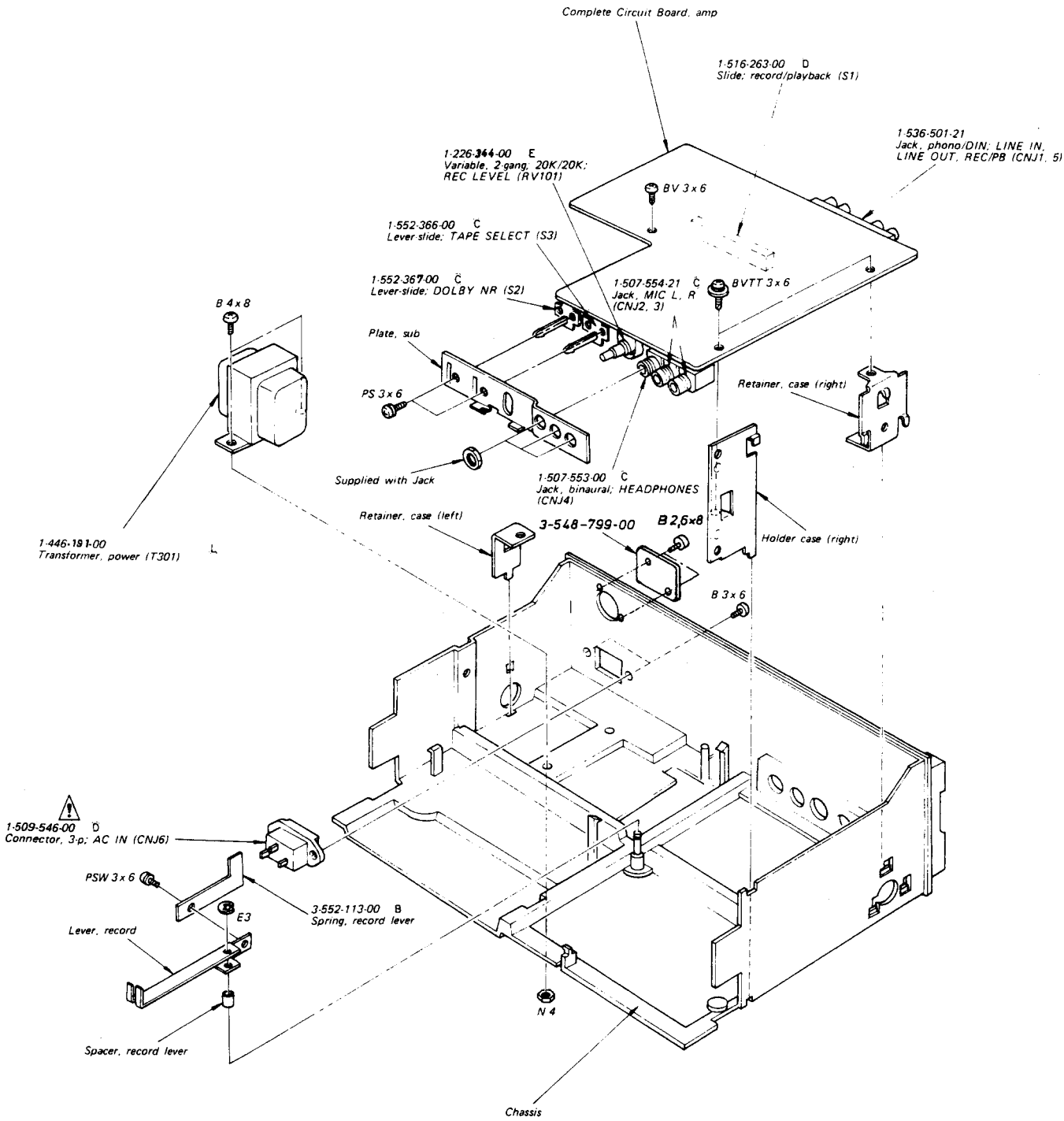
ERSATZTEILE / ELECTRICAL PARTS LIST

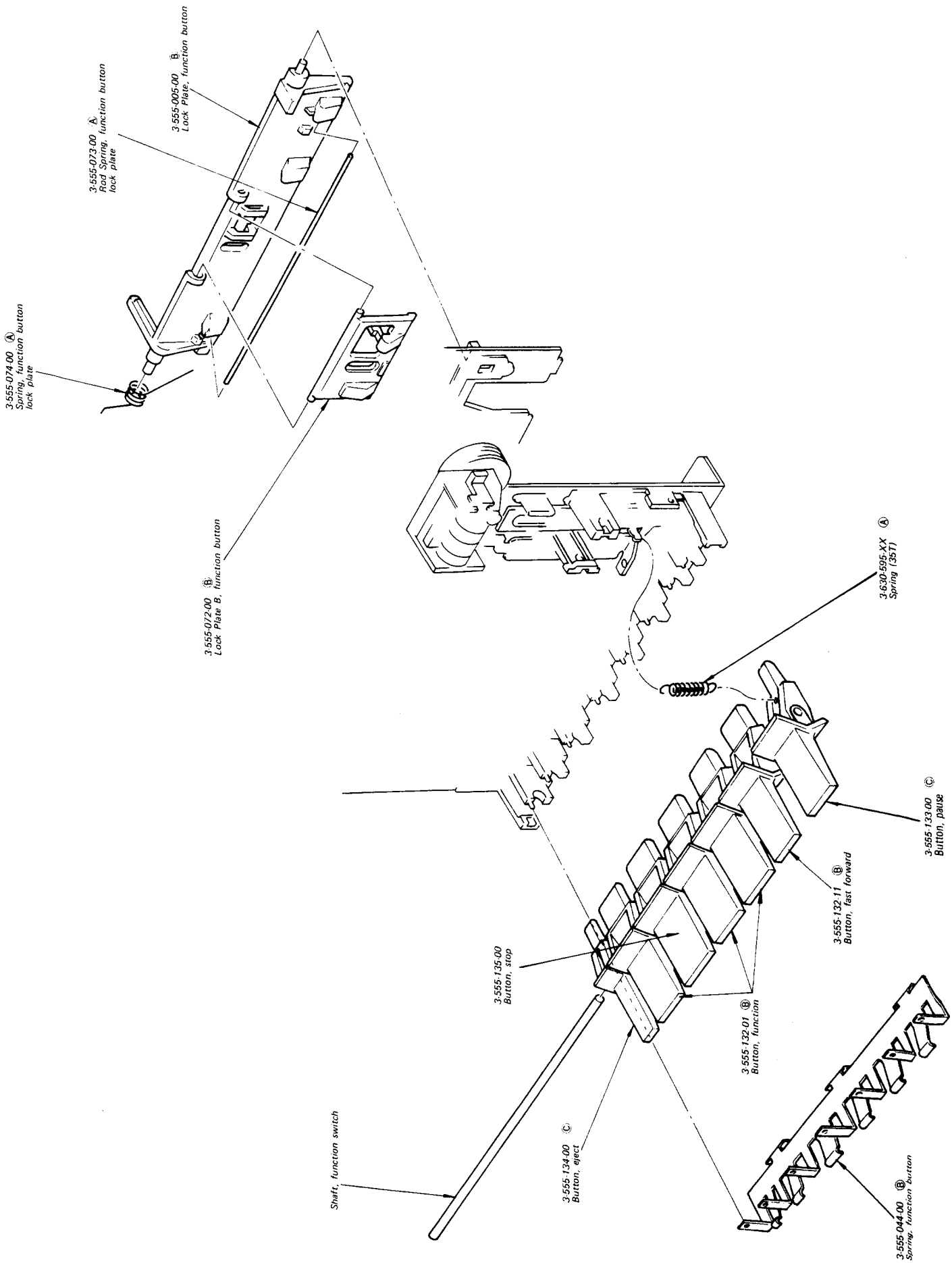
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
TRANSISTOREN / TRANSISTORS		
Q101	8-729-671-14	2SC710-14
Q102	8-729-671-14	2SC710-14
Q103	8-729-663-47	2SC1364-7
Q103	8-769-053-46	2SC1634-6
Q301	8-729-190-08	2SC900
Q401	8-729-663-47	2SC1364-7
Q401	8-769-053-46	2SC1634-6
Q451	8-729-663-47	2SC1364-7
Q451	8-769-053-46	2SC1634-6
Q501	8-729-316-16	2SC1061
DIODEN UND GLEICHRICHTER / DIODES AND ----		
D101	8-719-815-55	1S1555
D102	8-719-815-55	1S1555
D103	8-719-815-55	1S1555
D104	8-719-815-55	1S1555
D201	8-719-815-55	1S1555
D202	8-719-815-55	1S1555
D501	8-719-200-02	1OE-2
D502	8-719-200-02	1OE-2
D503	8-719-936-16	EQA01-16R
INTEGRIERTE SCHALTUNGEN / ----		
IC101	6-066-704-60	HA1137W
IC201	8-759-803-50	LA3350H
JC301	8-759-812-40	LA1240
SPULEN, FILTER, TRAFOS / ----		
	1-141-732-12	MW-LW FERRITANTENNE KPL.
	6-062-509-10	NT 85 NETZTRAFO
CF101	1-527-277-91	10.7 MHZ KER-FILTER
CF102	1-527-277-91	10,7 MHZ KER-FILTER
CFT301	1-404-087-11	460 KHZ KER-FILTER
FI30	1-404-085-11	AM-DEMODUL.-KREIS
FI101	1-404-011-12	DISKRIMINATOR FILTER F. GERÄT T 3740
L101	1-407-741-11	18 UH MIKROINDUKTIVITÄT
L301	1-401-710-11	KW-ANTENNENKREIS
L302	1-407-169-11	100 UH LF-1 MIKROINDUKTIVITÄT
L303	1-401-709-11	LW-ANTENNENKREIS
L304	1-407-173-11	220 UH NF-1 MIKROINDUKTIVITÄT
KONDENSATOREN / CAPACITORS		
C402	1-102-959-51	22 P 5 % 50 V KER-KOND.
C452	1-102-959-51	22 P 5 % 50 V KER-KOND.
CT301	1-141-178-12	0,8-5 P TRIMMKONDENSATOR
CT303	1-141-178-12	0,8-5 P TRIMMKONDENSATOR
CT304	1-141-178-12	0,8-5 P TRIMMKONDESATOR
CT305	1-141-178-12	0,8-5 P TRIMMKONDENSATOR
CT306	1-141-180-12	1-15 P TRIMMKONDENSATOR
CT601	1-141-179-21	1-10 P TRIMMKONDENSATOR
ELKOS / ELKOS		
C203	6-053-905-50	R 5 220 N -20 S 35 V TANTAL-ELKO
C204	6-053-903-40	470 N -20%S 35 V TANTAL-ELKO
C205	6-053-905-60	R 5 100 N -20%V 35 V TANTAL-ELKO
C401	6-053-905-50	R 5 220 n -20%S 35 V TANTAL-ELKO
C451	6-053-905-50	r 5 220 N -20%S 35 V TANTAL-ELKO
C503	1-121-945-51	1000 U -10% 35 V ELKO
WIDERSTÄNDE / RESISTORS		
R113	6-052-814-10	150 E 5 % 0,33 W SCHIWID
R123	6-052-814-10	150 E 5 % 0,33 W SCHIWID
R206	6-052-814-10	150 E 5 % 0,33 W SCHIWID
R314	6-052-814-20	330 E 5 % 0,33 W SCHIWID
R321	6-052-814-20	330 E 5 % 0,33 W SCHIWID
R403	6-050-151-10	510 E 5 % 0,33 W SCHIWID 0309
R453	6-050-151-10	510 E 5 % 0,33 W SCHIWID 0309
R502	6-052-814-30	1 K 5 % 0,33 W SCHIWID
R503	6-052-014-20	560 E 5 % 1 W MOX.-WID.
R504	6-052-814-10	150 E 5 % 0,33 W SCHIWID
POTENTIOMETER / -------		
RT101	1-221-978-11	4,7K LIN
RT102	1-222-702-11	470 K LIN
RT201	1-222-517-31	1 K LIN
RT202	1-222-518-31	4,7K LIN
SICHERUNGEN UND LAMPEN / -------		
	1-518-169-61	STEREO-ANZEIGELAMPE
SONSTIGES / MISCELLANEOUS		
CP501	1-102-355-11	0.01 x 2 500 V, CERAMIC
LPF201,251	1-231-303-00	FILTER, LOW-PASS
ME601	1-520-318-00	METER, STRENGTH; SIGNAL
ME602	1-520-319-00	METER, TUNING
PL601	1-518-169-XX	LAMP, STEREO
	1-518-298-00	REFLECTOR, LIGHT (INCLUDING DIAL LAMPS PL602, 603, 604)
PL602,603, PL604	1-518-297-00	LAMP, DIAL
PL605,606	1-518-309-00	LAMP, METER
GEHÄUSE- UND VERPACKUNGSTEILE / HOUSING AND ----------		
	X-3553-602-1	NETZSCHALTERKNOPF
	X-4853-902-1	DREHKNOPF-TUNING
	4-853-925-01	TASTENSCHALTERKNOPF
	4-853-926-01	SICHTSCHEIBE STEREO
	4-853-934-02	SKALA BEDRUCKT
	4-853-937-01	FRONTBLENDE
	4-853-938-03	RÜCKWAND
	4-854-266-01	DREHSCHALTERKNOPF
LEITERPLATTEN / ------		
	6-072-000-90	AM-FM PLATTE BEST. GERÄT ST-A4L
ANSCHLÜSSE / JACKS		
CNJ601	1-536-403-XX	TERMINAL STRIP, ANTENNA
CNJ603	1-507-378-XX	PHONO, 2-p; OUTPUT
CNJ604	1-509-546-00	CONNECTOR, 3-p; AC IN
	1-508-897-00	PLUG, VOLTAGE SELECTOR
SCHALTER / SWITCHES		
S301	1-552-441-00	PUSH-BUTTON, AM
S501	1-552-376-00	ROTARY, FUNCTION
S601	1-552-206-11	PUSH, POWER
S602	1-516-777-XX	SLIDE, AM ANTENNA

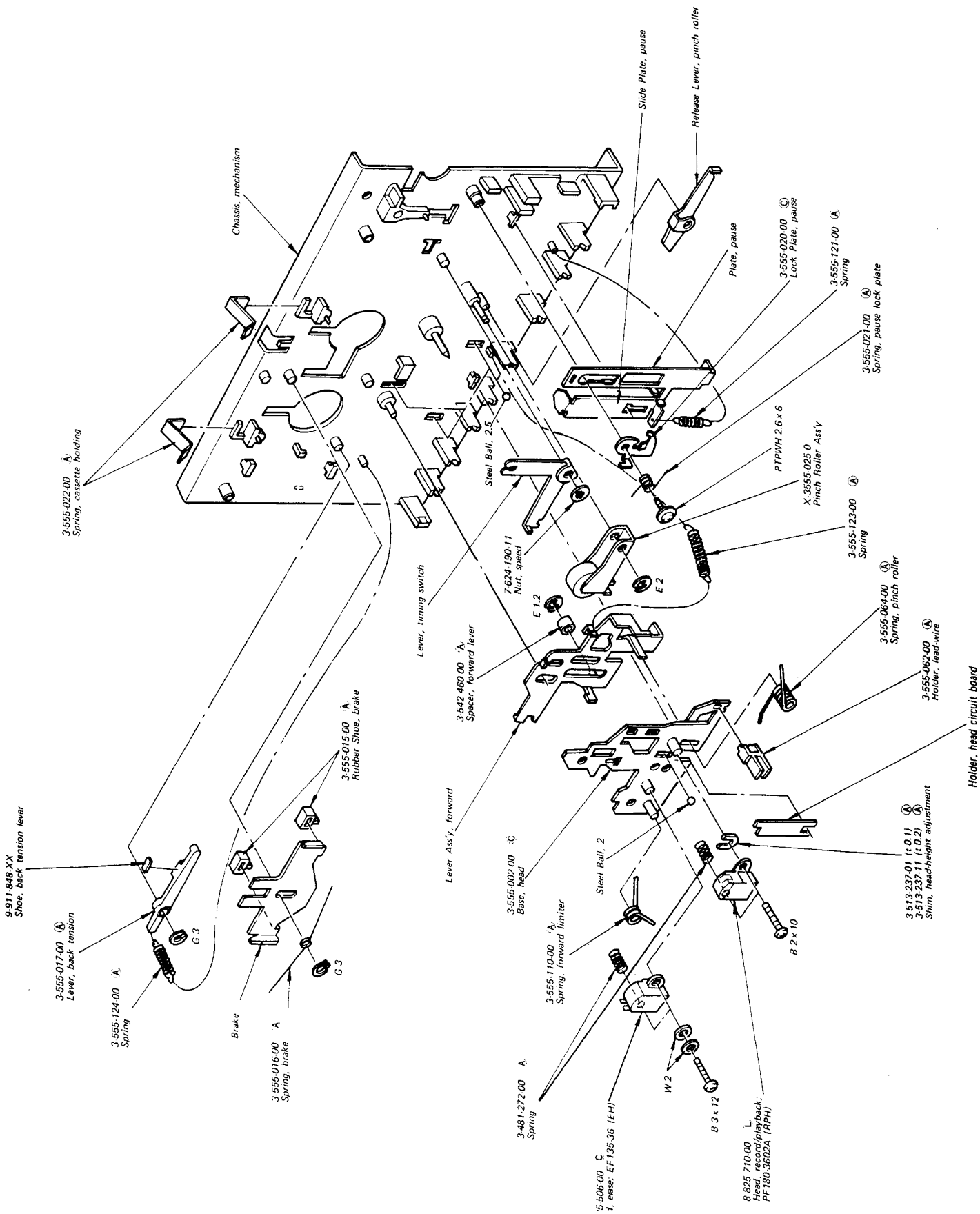

【AMP BOARD】
Q101 2SC1345
MIC AMP
Q104 2SC1345
DOLBY FILTER AMP
Q105
-108 2SC1364
DOLBY
D102, 104 1T40
D103 1T22
R-CH
S2
S2-2
S2-1
DOLBY NR
ON←OFF
CNJ2
MIC L
CNJ1-1
LINE IN (L)
CNJ1-5
REC/PB
AEP, E MODEL
【TIMING SWITCH BOARD(AEP,E MODEL)】
FWD←STOP
S5-1
S1-11
Q102 2SC1345
PB AMP
L-CH
IC101(1/2) μPC4558
LINE AMP
Q103 2SC1364
MUTING
IC101(1/2) μPC4558
REC AMP
IC301(1/2) μPC4558
METER/HEADPHONE AMP
CNJ1-3
LINE OUT
D101 1T22
METER
ME101
VU
CNJ4
HEADPHONES
RPH
PF180-3602A
S1-1
S1-6
S1-8
S1-9
S1 REC/PB
PB→REC
S3-3
S3-1
S3 TAPE SELECT
CrO2←Fe-Cr←NORM
TAPE SPEED
FG
CNJ1-4
LINE OUT (R)
ME201
VU
CNJ3
MIC R
CNJ1-2
LINE IN (R)
R-CH
SAME AS L-CH
REF. NO. FROM 201.
Q203
R276
D312
EQA01-06S
RECORD BIAS
Q305
2SC1475
BIAS OSC
D311
1T40
Q304
2SC1364
BIAS VOLTAGE REGULATOR
Q302 2SC1364
VOLTAGE REGULATOR
D313 1T4
S1-3
REC/PB
PB→REC
EH
EF135-36
【LED BOARD】
D310
SEL103R
REC
Q303
MU
D309 1T40
D306 1T40
Q301 2SC1419
VOLTAGE REGULATOR
D303 EQA01-21R
D307 1T40
T301
POWER
VIO
220V
WHT
0V
S6
Power
Connector 3p
AC IN
US, CANADIAN MODEL
2SC1364
D308 EQA01-06S
D301, 302, 304, 305 10E2
Q 601
2SC63
R 601-2
4.7k
R601-1
2.4k
R 603-2
1.6k
R 603-1
1.2k
RV 602
470

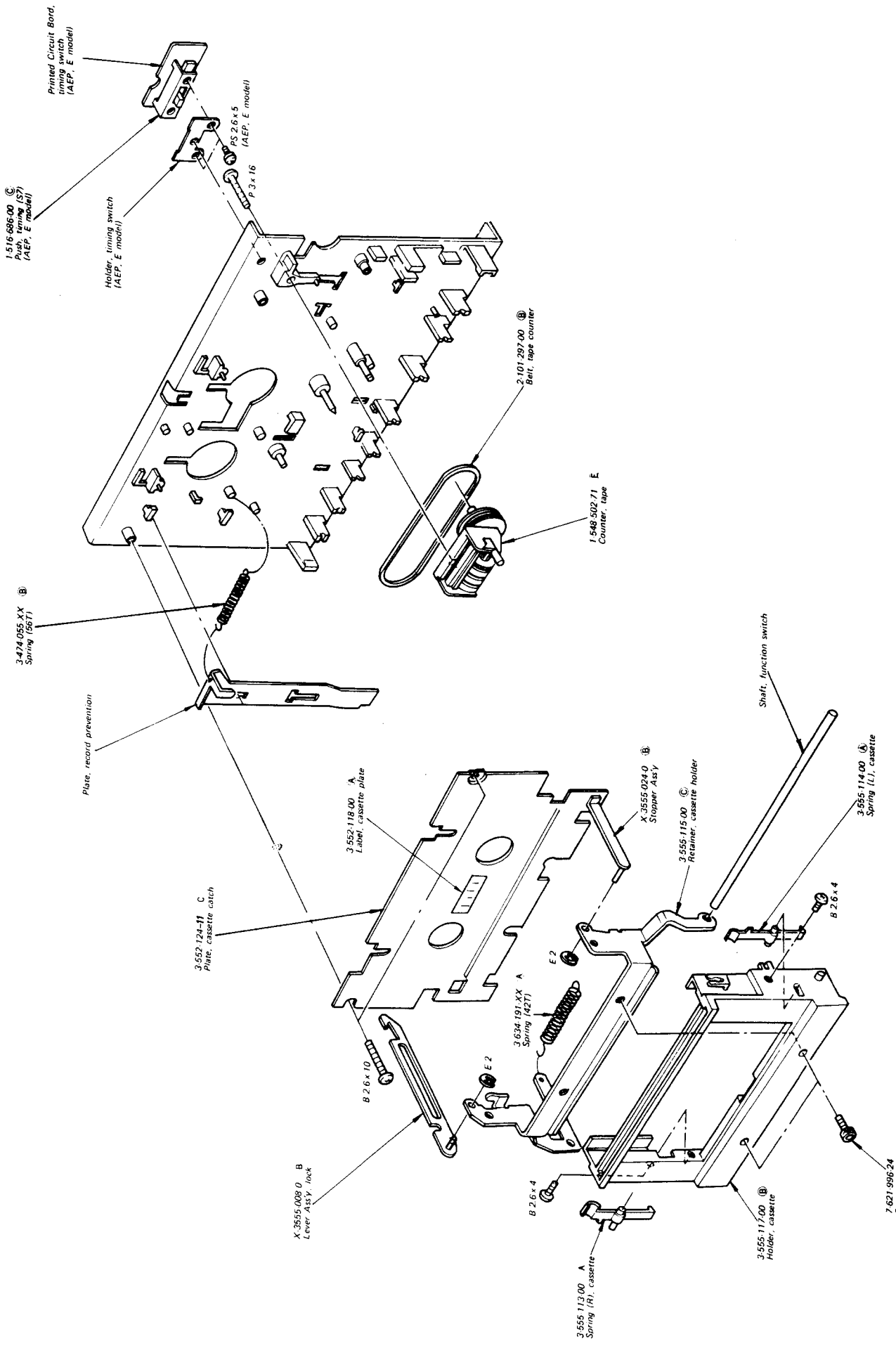

-108 2SC1364
DOLBY
D102, 104 1T40
D103 1T22
R-CH
S2
S2-2
S2-1
DOLBY NR
ON←OFF
R160 100k
C137 6.8p
R163 15k
10V
Q108
C140 2.2/50V (20%)
R172 180k
R173 180k
Q107
1.3V
9.5V
D103
D104
R166 33k
0.75V
R168 8.2k
C141 3.3/50V (20%)
R174 120k
R165 33k
C139 0.0033 (10%)
R169 68
D102
R170 68k
C142 0.0047
R161 300
C138 10 16V
R164 1.5k
R167 5.6k
DOLBY ON --- 0V OFF --0.6V
IC101(1/2) μPC4558
REC AMP
IC301(1/2) μPC4558
METER/HEADPHONE AMP
CNJ1-3
LINE OUT
D101 1T22
C 155
R129 4,7k
C123 220p
R132 27k
C128 4.7 25V
R139 220k
R140 270k
R141 330k
IC101 (1/2)
IC301 (1/2)
RV103 4.7k
REC LEVEL
C120 33p
C121 100p
C122 100p
R133 100k
C146 0,027
C129 10/16V
METER
R142 4.7k
R143 47k
R144 39k
ME101
VU
D101
R145 220
C130 10 16V
R146 820
CNJ4
HEADPHONES
C124 0.027
2,7k
R135
R136 12k
R134 3,3k
S3-1
R180 2,2k
C125 0.0039
R137 8.2k
R138 12k
C127 560 p
S3 TAPE SELECT
CrO2 ← Fe-Cr ← NORM
CNJ1-4
LINE OUT (R)
ME201
VU
(SERVO BOARD)
Q 601 2SC633A
R 604 3,9k
D 601 1T 40
Q 602 2SC633A
S7 MOTOR
S8 HOLD
TAPE SPEED
D 601 6V
R 605 18k
R 609 1k
Q 603 2SD414
9V
M
DNF 10018
R 601-2 4,7k
C 602 22/ 16 V
Q 602
14,3V
R 601-1 2,4k
1,2V
R 507 10 k
R 608 1k
0,6 V
FG
TAPE SPEED
Q 601
Q 603
RV 602 470
1,2V
C 601 330 6,3V
C 603 100 10V
R 610 1k
C 604 220 16V
S4 MUTING
R 603-2 1,6k
R 603-1 1,2k
D309 1T40
D306 1T40
Q301 2SC1419
VOLTAGE REGULATOR
D303 EQA01-21R
T 301 POWER
D313
D307 1T40
D306
20V
32V
Q301
D304 (32V AC)
D305 (32V AC)
D301 (10V AC)
D302 (10V AC)
R308 10k
D309
R305 120k
Q303
D308
R306 15k
D307
R301 5,6k
21V
C304 220 25V
C301 1000 50V
R307 100k
C309 4,7 25V
C308 47 10V (±20%)
R304 3,3k
C307 22 16V
D303
C302 470 25V
C306 470 16V
PL1
PL2
VIO 220 V
C314 0,01 450V
S6 Power
WHT 0V
Connector 3p
AC IN
US, CANADIAN MODEL
AEP, E MODEL
2SC1364
D308 EQA01-06S
D301, 302, 304, 305 10E2 (8V AC)

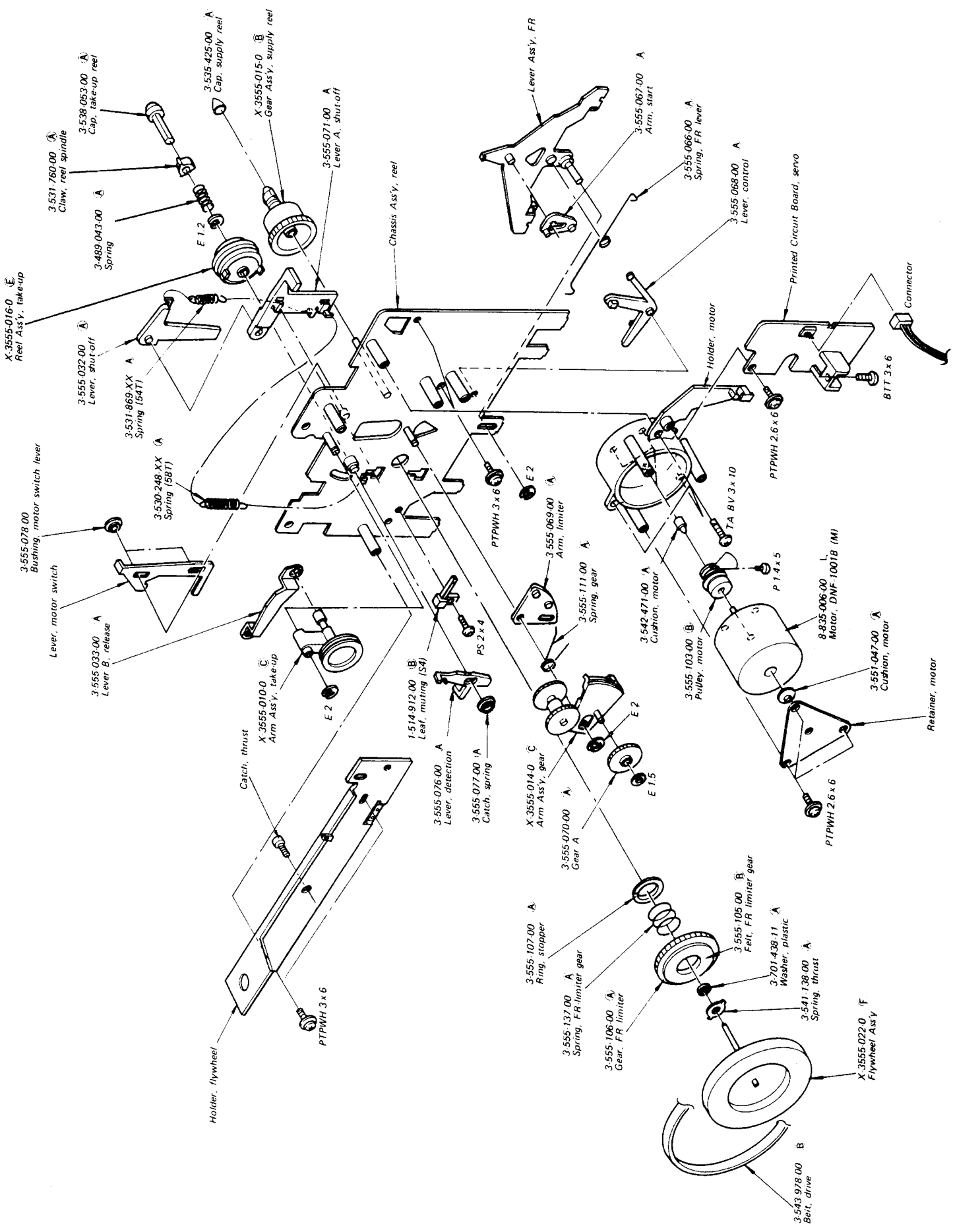

3-552-128-01
Case
Label, specification
4-847-802-00 A
Screw, case
Plate, bottom
BV 3 x 10
3-554-765-00
Foot
3-554-765-00 A
Foot
BV 3 x 6
PSW 2.6 x 6
4-812-134-11 A
Rivet, plastic
BV 3 x 10
Holder, VU meter
1-520-373-11 C
1-520-373-21 D
Meter, VU (ME101, 201)
1-518-309-00 B
Lamp, VU meter (PL1, 2)
Circuit Board, LED
PSW 2.6 x 6
4-847-802-00 A
Screw, case
Holder, case (left)
X-3552-109-0 K
X-3552-110-0 L
3-552-155-00
P2,6x6
Supplied with control.
1-552-018-00 (US, Canadian model)
1-552-206-11 (AEP, E, model) D
Switch, push, POWER (S6)
BV3x10
A 2175-007-A G
Damper Ass'y
▲A
3-143-079-00 A
Spring
▲B
3-701-442-21 A
Washer, plastic, 4mm dia (t 0,5)
9-911-835-42 C
Cord, damper 0,5mm dia
Holder, POWER switch
BV 3 x 10
B 3 x 6
3-552-156-00
Knob
POWER switch
3-552-155-00
X-3552-111-1 E
Lid Ass'y, cassette
P2,6x6
X-3553-606-3 C
Knob Ass'y, lever switch
3-552-158-00
Knob
REC LEVEL (L)
3-552-157-00
Knob
REC LEVEL (R)
3-701-507-00 A
Set Screw, double point

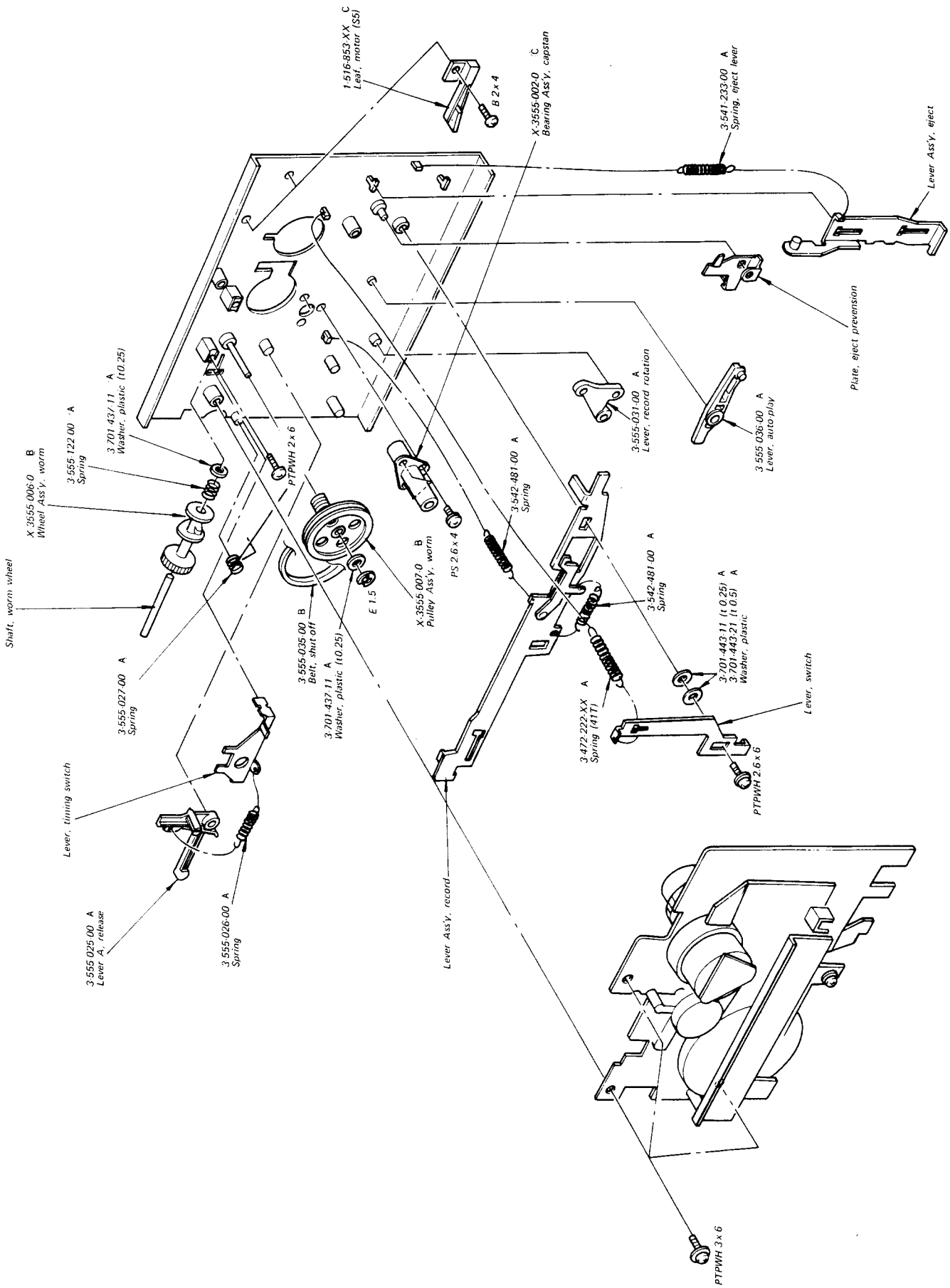

Complete Circuit Board, amp
1-516-263-00 D
Slide; record/playback (S1)
1-536-501-21
Jack, phono/DIN; LINE IN, LINE OUT, REC/PB (CNJ1, 5)
1-226-344-00 E
Variable, 2-gang, 20K/20K; REC LEVEL (RV101)
BV 3 x 6
1-552-366-00 C
Lever-slide; TAPE SELECT (S3)
1-552-367-00 C
Lever-slide; DOLBY NR (S2)
1-507-554-21 C
Jack, MIC L, R (CNJ2, 3)
BVTT 3 x 6
B 4 x 8
Plate, sub
PS 3 x 6
Retainer, case (right)
Supplied with Jack
1-507-553-00 C
Jack, binaural; HEADPHONES (CNJ4)
Retainer, case (left)
3-548-799-00
B 2,6x8
Holder case (right)
1-446-191-00
Transformer, power (T301)
B 3 x 6
1-509-546-00 D
Connector, 3-p; AC IN (CNJ6)
PSW 3 x 6
E3
3-552-113-00 B
Spring, record lever
Lever, record
N 4
Spacer, record lever
Chassis


3-555-074-00 Ⓐ
Spring, function button lock plate
3-555-073-00 Ⓐ
Rod Spring, function button lock plate
3 555-005-00 Ⓑ
Lock Plate, function button
3-555-072-00 Ⓑ
Lock Plate B, function button
3-630-595-XX Ⓐ
Spring (357)
3-555-133-00 Ⓒ
Button, pause
3-555-132-11 Ⓑ
Button, fast forward
3-555-135-00
Button, stop
3 555-132-01 Ⓑ
Button, function
3-555-134-00 Ⓒ
Button, eject
Shaft, function switch
3-555-044-00 Ⓑ
Spring, function button


Chassis, mechanism
Slide Plate, pause
Release Lever, pinch roller
Plate, pause
3-555-020-00 (C)
Lock Plate, pause
3-555-121-00 (A)
Spring
3-555-021-00 (A)
Spring, pause lock plate
3-555-022-00 (A)
Spring, cassette holding
Steel Ball, 2.5
PTPWH 2.6 x 6
X-3555-026-0
Pinch Roller Ass'y
3-555-123-00 (A)
Spring
7-624-190-11
Nut, speed
E 1,2
E 2
Lever, timing switch
3-542-460-00 (A)
Spacer, forward lever
3-555-064-00 (A)
Spring, pinch roller
3-555-062-00 (A)
Holder, lead-wire
Holder, head circuit board
9-911-848-XX
Shoe, back tension lever
3-555-017-00 (A)
Lever, back tension
3-555-124-00 (A)
Spring
G 3
Brake
3-555-016-00 (A)
Spring, brake
3-555-015-00 (A)
Rubber Shoe, brake
G 3
Lever Ass'y, forward
3-555-002-00 (C)
Base, head
Steel Ball, 2
3-555-110-00 (A)
Spring, forward limiter
3-513-237-01 (t 0.1) (A)
3-513-237-11 (t 0.2) (A)
Shim, head height adjustment
B 2 x 10
3-481-272-00 (A)
Spring
'5 506-00 (C)
1, ease: EF 135-36 (EH)
W 2
B 3 x 12
8-825-710-00 (L)
Head, record/playback:
PF 180.3602A (RPH)


Printed Circuit Bord, timing switch (AEP, E model)
1.516.686.00 C
Push button (S7) (AEP, E model)
Holder, timing switch (AEP, E model)
PS 2.6 x 5 (AEP, E model)
P 3 x 16
2.101.297.00 B
Belt, tape counter
1.548.502.71 E
Counter, tape
2.474.055.XX B
Spring (S67)
Plate, record prevention
3.552.124-11 C
Plate, cassette catch
3.552.118.00 A
Label, cassette plate
X 3555.024.0 B
Stopper Ass'y
3.555.115.00 C
Retainer, cassette holder
Shaft, function switch
3.555.114.00 A
Spring (L), cassette
B 2.6 x 4
E 2
3.634.191.XX A
Spring (427)
B 2.6 x 10
X 3555.008.0 B
Lever Ass'y lock
B 2.6 x 4
3.555.113.00 A
Spring (R), cassette
3.555.117.00 B
Holder, cassette
7.621.996.24
Screw, hexagon-socket head, 2.6 x 4


X 3555-016-0 (E) Reel Ass'y, take-up
3-555-078 00 Bushing, motor switch lever
Lever, motor switch
3-555-033-00 (A) Lever B, release
3-555-032 00 (A) Lever, shut-off
3-531-869-XX (A) Spring (54T)
3-530-248-XX (A) Spring (58T)
3-489-043-00 (A) Spring
3-531-760-00 (A) Claw, reel spindle
3-538-053-00 (A) Cap, take-up reel
3-535-425-00 (A) Cap, supply reel
X 3555-015-0 (B) Gear Ass'y, supply reel
3-555-071 00 (A) Lever A, shut-off
E 12
Chassis Ass'y, reel
Lever Ass'y, FR
3-555-067-00 (A) Arm, start
3-555-066-00 (A) Spring, FR lever
3-555 068-00 (A) Lever, control
Holder, motor
Printed Circuit Board, servo
Connector
BTT 3x6
PTPWH 2.6x6
TA BV 3x10
P 1.4x5
8-835-006-00 (L) Motor, DNF-1001B (M)
3-551-047-00 (A) Cushion, motor
Retainer, motor
PTPWH 2.6x6
3-542-471-00 (A) Cushion, motor
3-555-103-00 (B) Pulley, motor
PTPWH 3x6
E 2
3-555 069-00 (A) Arm, limiter
3-555-111-00 (A) Spring, gear
PS 2x4
1-514-912-00 (B) Leaf, muting (S4)
3-555-076-00 (A) Lever, detection
3-555-077-00 (A) Catch, spring
X 3555-010-0 (C) Arm Ass'y, take-up
Catch, thrust
X 3555-014-0 (C) Arm Ass'y, gear
3-555-070-00 (A) Gear A
E 1.5
3-555-107-00 (A) Ring, stopper
3-555-137-00 (A) Spring, FR limiter gear
3-555-106-00 (A) Gear, FR limiter
3-555-105-00 (B) Felt, FR limiter gear
3-701-438-11 (A) Washer, plastic
3-541-138-00 (A) Spring, thrust
X 3555-022-0 (F) Flywheel Ass'y
3-543-978-00 (B) Belt, drive
Holder, flywheel
PTPWH 3x6

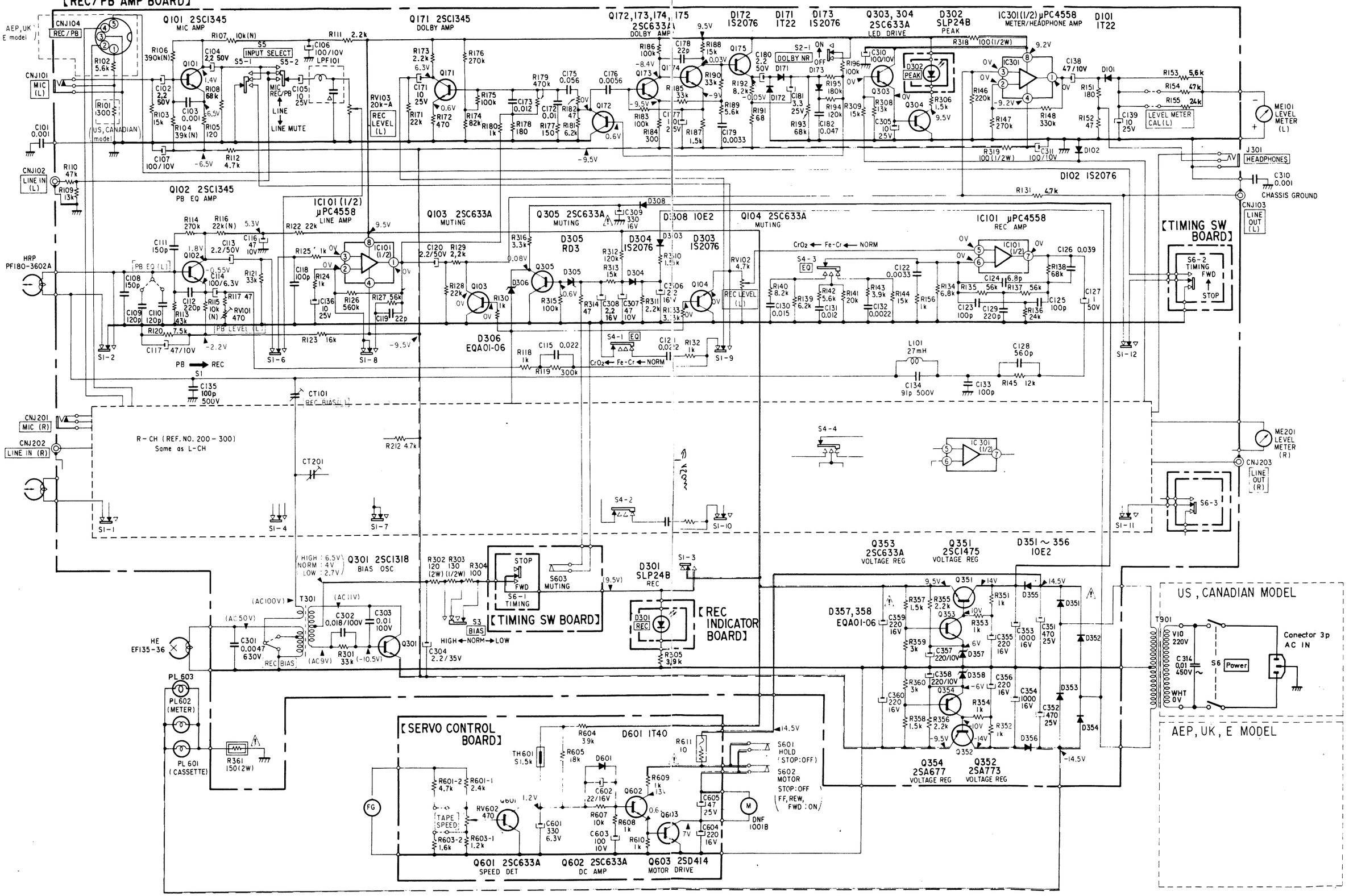

1-516-853-XX C
Leaf, motor (SS)
B 2×4
X-3555-002-0 C
Bearing Ass'y, capstan
3-541-233-00 A
Spring, eject lever
Lever Ass'y, eject
Plate, eject prevension
3-555-031-00 A
Lever, record rotation
3 555 036-00 A
Lever, auto play
3-542-481-00 A
Spring
PS 2.6×4
X-3555-007-0 B
Pulley Ass'y, worm
E 1.5
3-555-035-00 B
Belt, shut off
3-701-437-11 A
Washer, plastic (t0.25)
PTPWH 2×6
3 701 437-11 A
Washer, plastic (t0.25)
3-555-122-00 A
Spring
X-3555-006-0 B
Wheel Ass'y, worm
Shaft, worm wheel
3-555-027-00 A
Spring
Lever, timing switch
3-555-025-00 A
Lever A, release
3-555-026-00 A
Spring
Lever Ass'y, record
3-542-481-00 A
Spring
3-701-443-11 (t0.25) A
3-701-443-21 (t0.5) A
Washer, plastic
3-472-222-XX A
Spring (4117)
Lever, switch
PTPWH 2.6×6
PTPWH 3×6

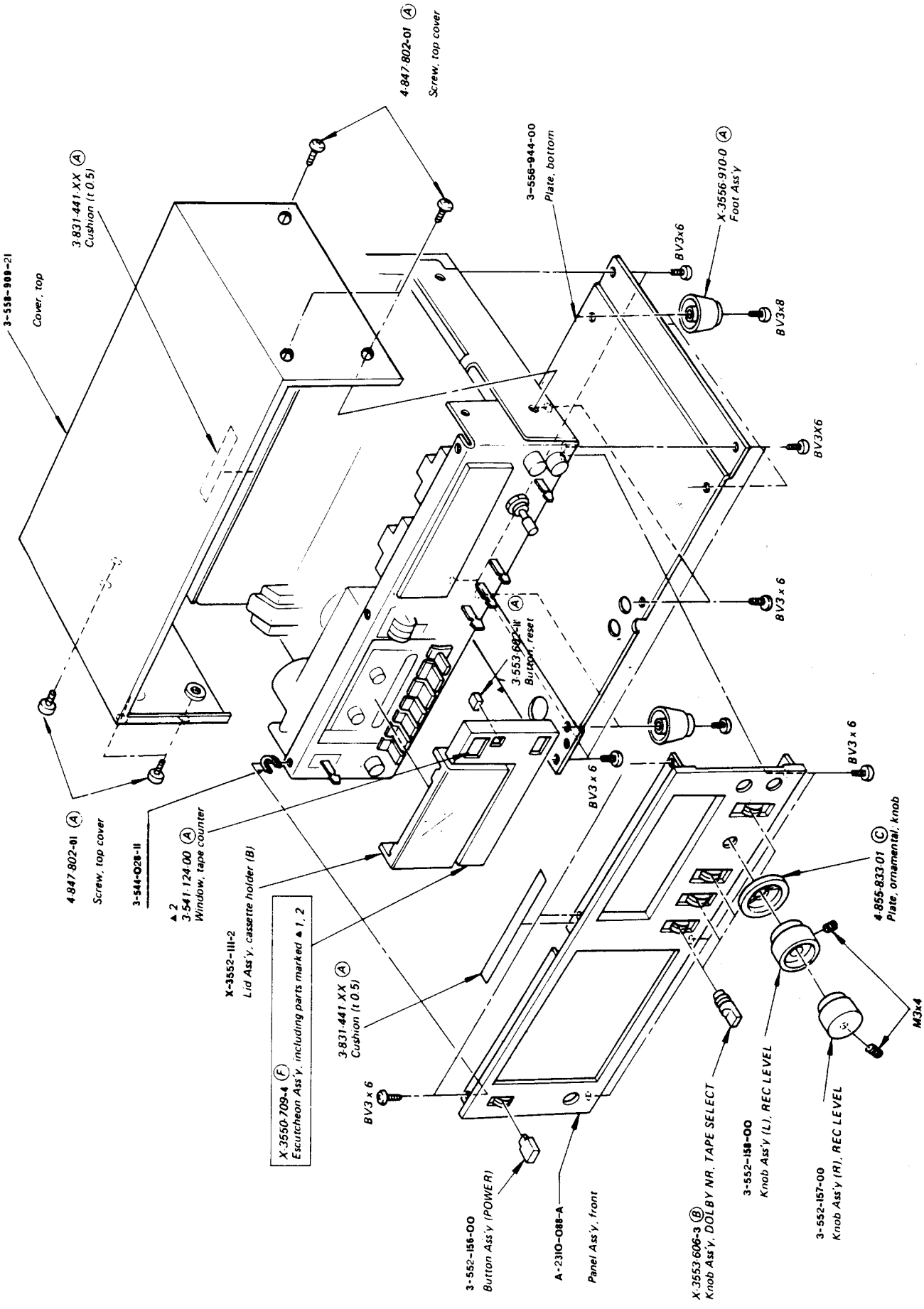
ERSATZTEILE / ELECTRICAL PARTS LIST

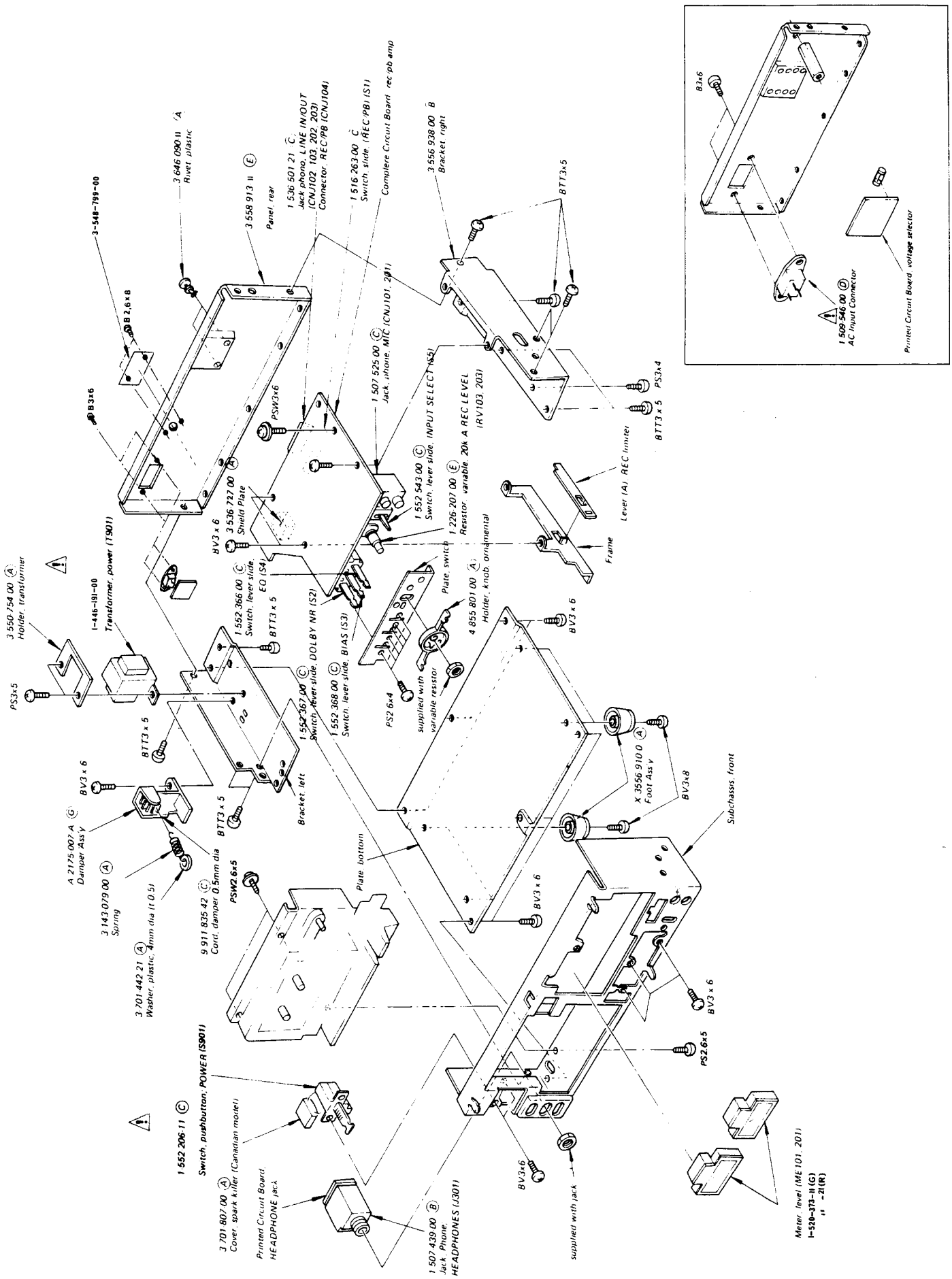
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
TRANSISTOREN / TRANSISTORS		
Q101,201, Q102,202, Q104,204		2SC1345
Q103,203		2SC1364
Q105–108		2SC1364
Q203		2SC1364
Q205–208		2SC1364
Q301		2SC1061
Q302–304		2SC1364
Q305		2SC1475
Q601,602		2SC1364
Q603		2SD414
ICs / ICs		
IC101, IC201, IC301		µPC4558C
DIODEN / DIODES		
D101		1T22AM
D102–104		1S555
D201		1T22AM
D202–204		1S1555
D301,302		10E2
D303		EQB01-21
D304,305		10E2
D306,307		1S1555
D308		EQB01-06
D309		1S1555
D310		SEL103R
D311	1S1555	
D312		EQB01-06
D313		1S1555
D314		EQB01-11
TRANSFORMATOREN / TRANSFORMERS		
T301	1-446-191-00	POWER
T302	1-433-132-00	BIAS OSC
KONDENSATOREN / CAPACITORS		
Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.		All capacitors are in µF and ceramic unless otherwise noted. 50WV or less are not indicated except for electrolytics. pF = µµF, elect = electrolytic.
C101,201	1-162-323-11	0.001
C102,202	1-121-915-11	4.7 25 V ELECT (LOW NOISE)
C103,203	1-161-323-11	0.001
C106,206	1-121-916-11	10 16 V ELECT (LOW NOISE)
C107,207	1-121-916-11	10 16 V ELECT (LOW NOISE)
C108,208	1-121-416-11	100 25 V ELECT
C109,209	1-161-317-11	330 p
C110,210, C111,211	1-161-272-11	120 p
C112,212	1-121-915-11	4.7 25 V ELECT (LOW NOISE)
C113,213	1-121-413-11	100 6.3 V ELECT
C114,214	1-123-050-11	2.2 50 V ELECT (LOW NOISE)
C115,215	1-121-409-11	47 16 V ELECT
C116,216	1-161-267-11	47 p
C117,217	1-121-414-11	100 10 V ELECT
C118,218	1-121-450-11	2.2 50 V ELECT
C119,219	1-121-395-11	4.7 25 V ELECT
C120,220	1-161-257-11	6.8 p
C121,221, C122,222	1-102-106-11	100 p
C123,223	1-102-110-11	220 p
c124,224	1-108-809-12	0.027 MYLAR
C125,225	1-102-124-11	0.0039
C126,226	1-121-912-11	1 50 V ELECT
C127,227	1-161-320-11	560 p
C128,128	1-121-395-11	4.7 25 V ELECT
C129,229	1-121-651-11	10 16 V ELECT
C130,230	1-121-651-11	10 16 V ELECT
C131,231	1-108-808-12	0.022 50 V MYLAR
C132,232	1-121-651-11	10 16 V ELECT (LOW NOISE)
C133,233	1-108-805-12	0.012 5% MYLAR
C134,234	1-108-804-12	0.01 5% MYLAR
C135,235	1-108-813-11	0.056 5% MYLAR
C136,236	1-108-801-11	0.0056 5% MYLAR
C137,237	1-161-257-11	6.8 p
C138,238	1-121-651-11	10 16 V ELECT
C139,239	1-102-123-11	0.0033 10%
C140,240	1-121-986-11	2.2 20% 50 V ELECT
C141,241	1-121-953-11	3.3 20% 50 V ELECT
C142,242	1-102-125-11	0.0047
C143,243	1-107-168-11	500 V MICA
C144,244	1-102-106-11	100 p
C145,245	1-141-034-11	120 p TRIMMER
C146,246	1-108-809-11	0.027 MYLAR
C147,247	1-161-315-11	220 p
C148,248	1-161-320-11	560 p
C149,249	1-121-651-11	10 16 V ELECT
C150,250	1-108-808-11	0.022 MYLAR
C152,252	1-161-323-11	0.001
C153,253	1-161-323-11	0.001
C154,254	1-107-015-11	47 p
C155,255	1-102-123-11	0.0033
C301	1-121-388-11	1,000 50 V ELECT
C302	1-121-733-11	470 25 V ELECT
C303	1-121-414-11	100 10 V ELECT
C304	1-121-422-11	220 25 V ELECT
C305	1-121-420-11	220 10 V ELECT
C306	1-121-939-11	470 16 V ELECT
C307	1-121-479-11	22 16 V ELECT
C308	1-121-352-11	47 10 V ELECT
C309	1-121-395-11	4.7 25 V ELECT
C310	1-131-216-11	1.5 35 V TANTALUM
C311	1-129-701-11	0.01 5% 100 V
C312	1-108-807-11	0.018 5% 100 V
C313	1-129-710-11	0.0047 630 V PLASTIC
C314	1-115-148-11	0.01 450 V OIL
WIDERSTÄNDE / RESISTORS		
R312	1-246-453-11	150 ¼W CARBON
RV101	1-226-344-00	VARIABLE,2-GANG; 20 k/20 k; REC LEVEL
RV102,202	1-224-641-XX	ADJUSTABLE, 470
RV103,203	1-224-644-XX	ADJUSTABLE, 4.7 k

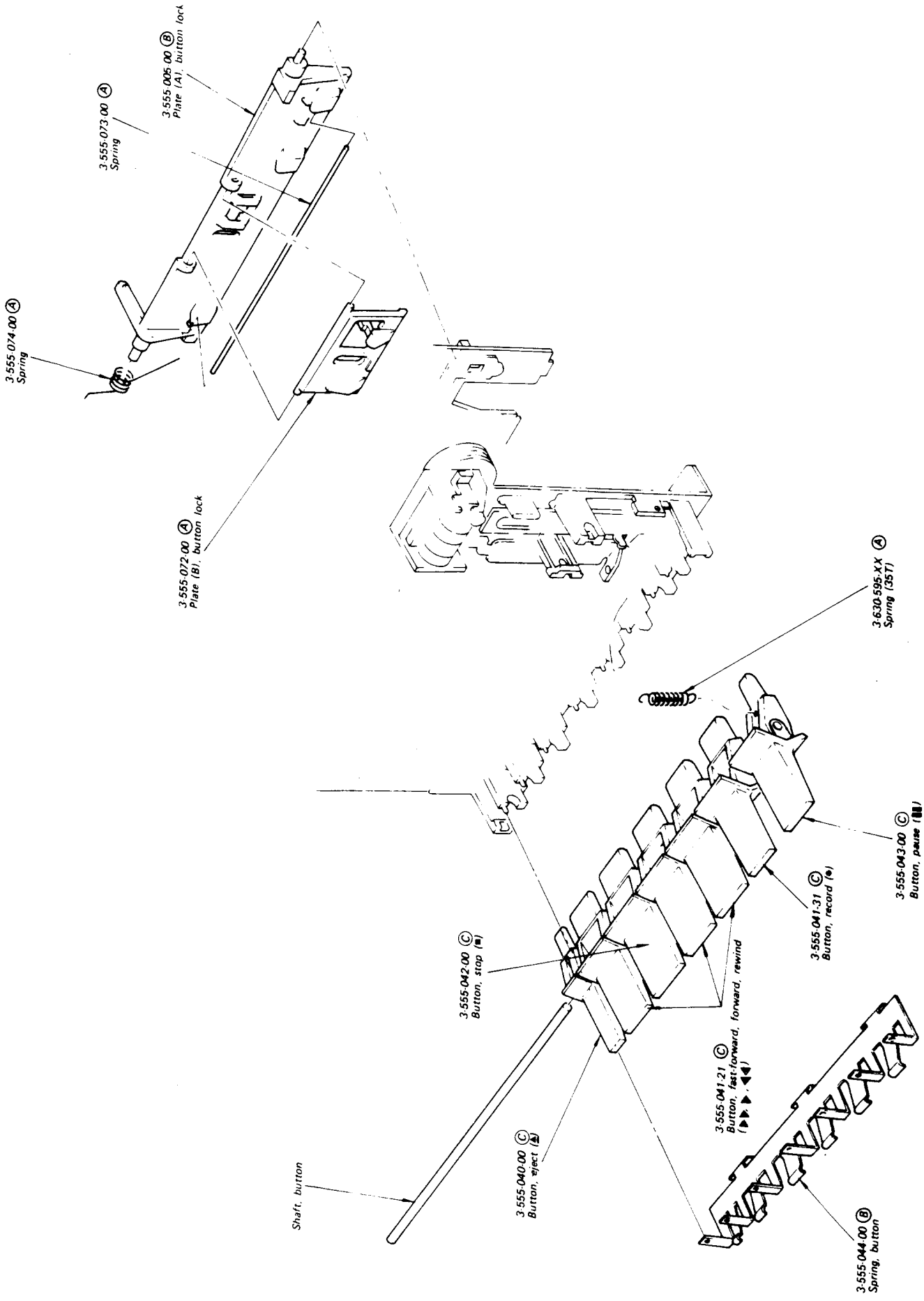
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
SCHALTER / SWITCHES		
S1	1-516-263-00	SLIDE, RECORD/PLAYBACK
S2	1-552-367-00	LEVER-SLIDE, DOLBY NR
S3	1-552-366-00	LEVER-SLIDE, TAPE SELECT
S4	1-514-912-00	LEAF, MUTING
S5	1-516-686-00	PUSH, TIMING
S6	1-552-206-11	PUSH, POWER
S7	1-516-853-XX	LEAF, MOTOR
S8	1-514-912-00	LEAF, MOTOR
ANSCHLUSSSTECKER / CONNECTORS		
CNJ1	1-536-501-21	JACK, PHONO/DIN; LINE IN, LINE OUT, REC/PB
CNJ2-3	1-507-554-21	JACK, MIC
CNJ4	1-507-553-00	JACK, BINAURAL; HEADPHONES
CNJ6	1-509-546-00	CONNECTOR, 3-p; AC IN

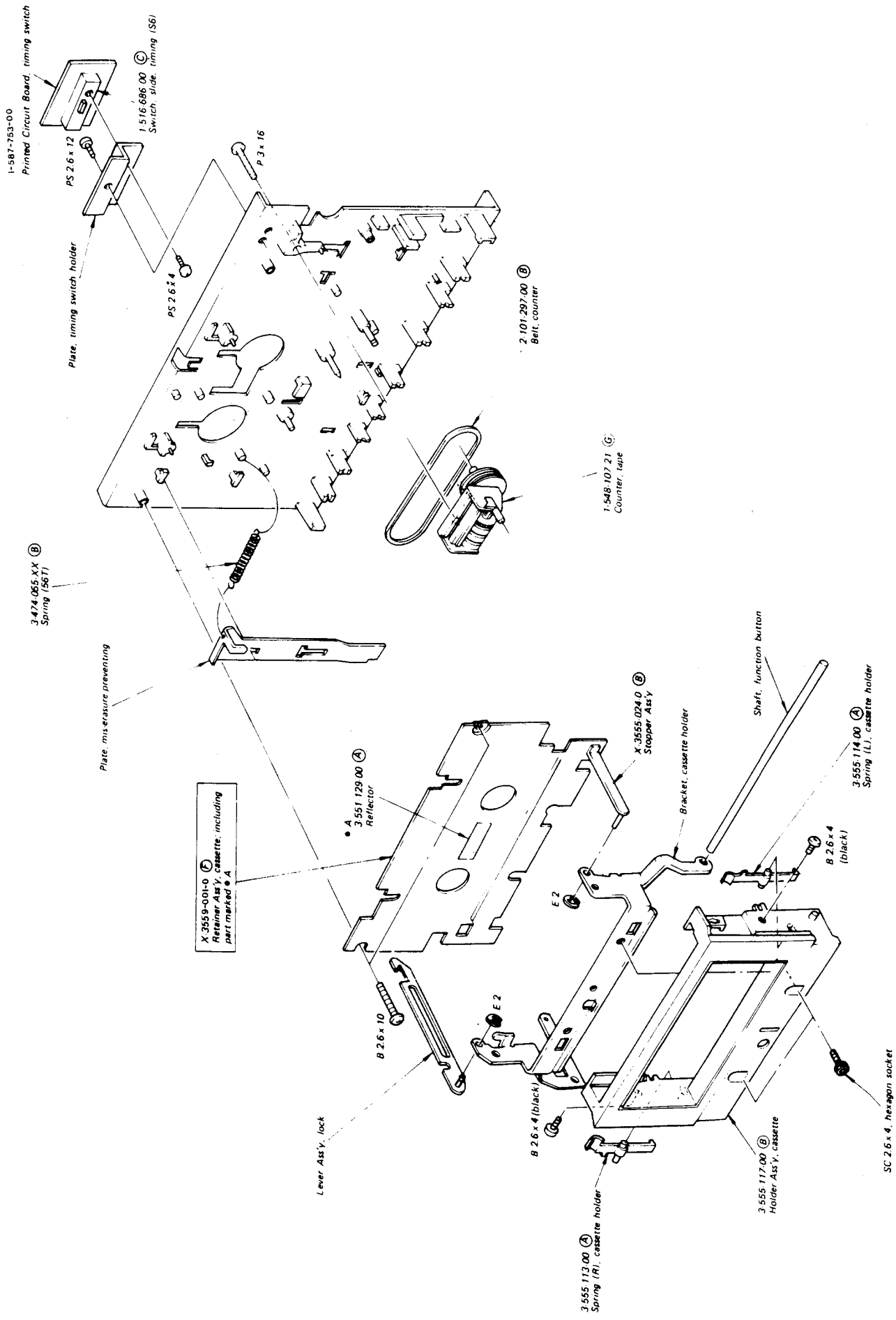
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
SONSTIGES / MISCELLANEOUS		
EH	8-825-506-00	HEAD, ERASE; EF 135-36
FL101,201	1-231-372-00	FILTER,LOW-PASS
L101,201	1-407-211-XX	COIL, MINIATURE; 27 mH
M	8-835-006-00	MOTOR, DNF-1001B
ME101,201	1-520-373-11	METER, VU
	1-520-373-21	
PL1,2	1-518-309-00	LAMP, VU METER
RPH	8-825-710-00	HEAD, RECORD/PLAYBACK; PF180-3602A
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS		
	1-534-049-31	CORD, CONNECTION; RK-74H
	3-552-163-00	CARTON
	3-552-150-00	BAG, PLASTIC
	3-701-630-00	BAG, PLASTIC
	3-794-060-11	CARD, VOLTAGE SELECTION

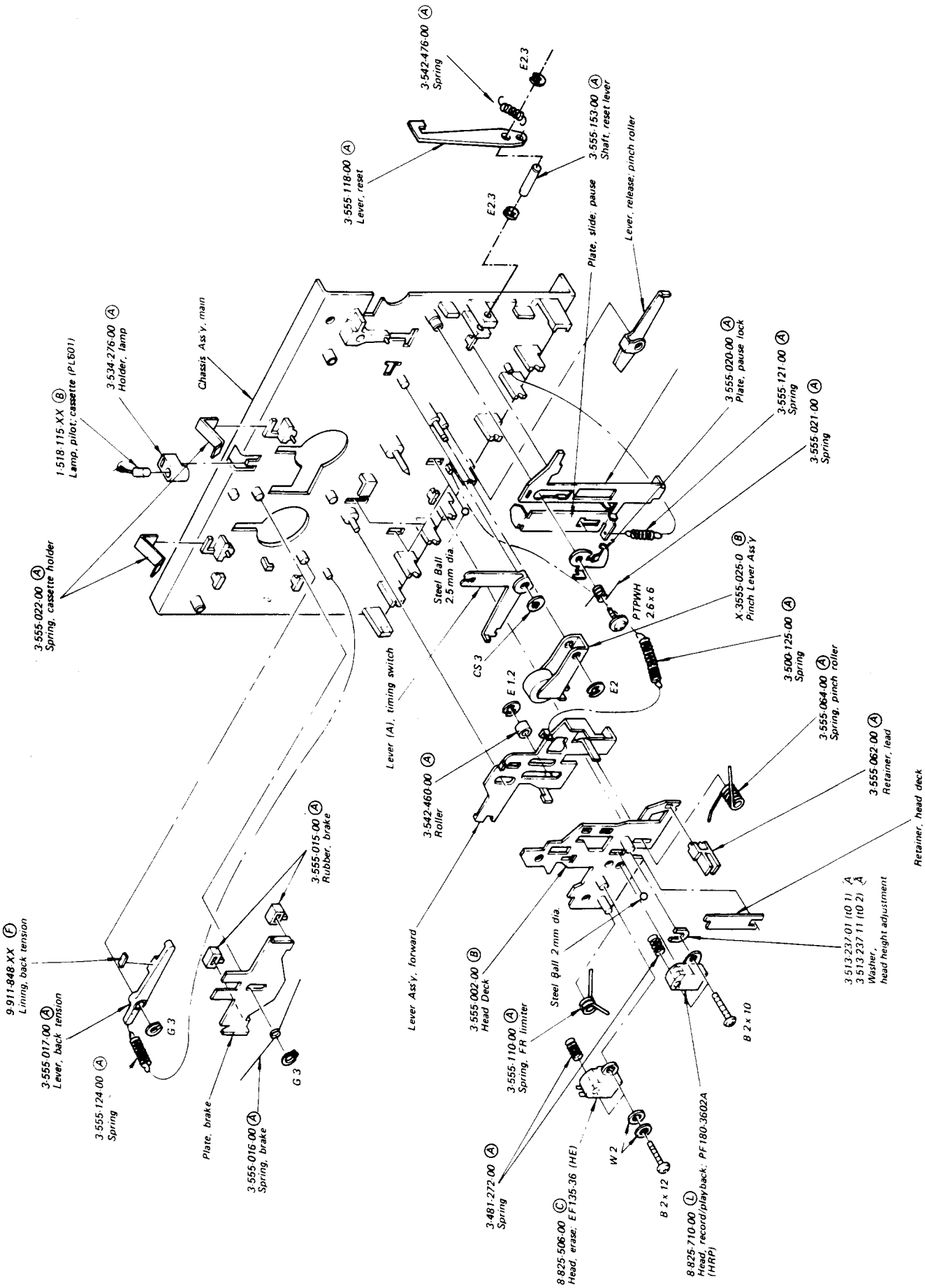

【REC/PB AMP BOARD】
AEP, UK, E model
CNJ104 REC/PB
CNJ101 MIC (L)
CNJ102 LINE IN (L)
CNJ201 MIC (R)
CNJ202 LINE IN (R)
(US, CANADIAN) model
Q101 2SC1345 MIC AMP
Q171 2SC1345 DOLBY AMP
Q172,173,174,175 2SC633A DOLBY AMP
D172 1S2076
D171 1T22
D173 1S2076
Q303, 304 2SC633A LED DRIVE
D302 SLP24B PEAK
IC301(1/2) μPC4558 METER/HEADPHONE AMP
D101 1T22
INPUT SELECT
LPF101
MIC REC/PB
LINE
LINE MUTE
DOLBY NR
RV103 20k-A REC LEVEL (L)
LEVEL METER CAL(L)
ME101 LEVEL METER (L)
J301 HEADPHONES
D102 1S2076
CHASSIS GROUND
CNJ103 LINE OUT (L)
Q102 2SC1345 PB EQ AMP
IC101 (1/2) μPC4558 LINE AMP
Q103 2SC633A MUTING
Q305 2SC633A MUTING
D308 10E2
Q104 2SC633A MUTING
IC101 μPC4558 REC AMP
【TIMING SW BOARD】
S6-2 TIMING FWD STOP
HRP PF180-3602A
PB EQ (L)
PB LEVEL (L)
REC LEVEL (L)
CrO2 ← Fe-Cr ← NORM
S4-3 EQ
S4-1 EQ
D306 EQA01-06
D305 RD3
D304 1S2076
D303 1S2076
PB → REC
S1
CT101 REC BIAS (L)
L101 27mH
C128 560p
C133 100p
C134 91p 500V
R145 12k
R212 4.7k
CT201
R-CH (REF. NO. 200-300) Same as L-CH
ME201 LEVEL METER (R)
CNJ203 LINE OUT (R)
S6-3
S4-4
IC 301 (1/2)
S4-2
Q301 2SC1318 BIAS OSC
HIGH: 6.5V NORM: 4V LOW: 2.7V
T301
HE EFI35-36
PL 603
PL602 (METER)
PL 601 (CASSETTE)
R361 150Ω(2W)
S603 MUTING
STOP FWD S6-1 TIMING
【TIMING SW BOARD】
S3 BIAS
HIGH ← NORM → LOW
D301 SLP24B REC
D301 REC
【REC INDICATOR BOARD】
R305 3.9k
S1-3
D102 1S2076
Q353 2SC633A VOLTAGE REG
Q351 2SC1475 VOLTAGE REG
D351 ~ 356 10E2
D357,358 EQA01-06
Q354 2SA677 VOLTAGE REG
Q352 2SA773 VOLTAGE REG
US, CANADIAN MODEL
T901
V10 220V
V0 WHT
C314 0.01 450V~
S6 Power
Conector 3p AC IN
AEP, UK, E MODEL
【SERVO CONTROL BOARD】
D601 1T40
S601 HOLD ('STOP:OFF')
S602 MOTOR STOP:OFF FF, REW, FWD:ON
TAPE SPEED
FG
M
DNF 1001B
Q601 2SC633A SPEED DET
Q602 2SC633A DC AMP
Q603 2SD414 MOTOR DRIVE

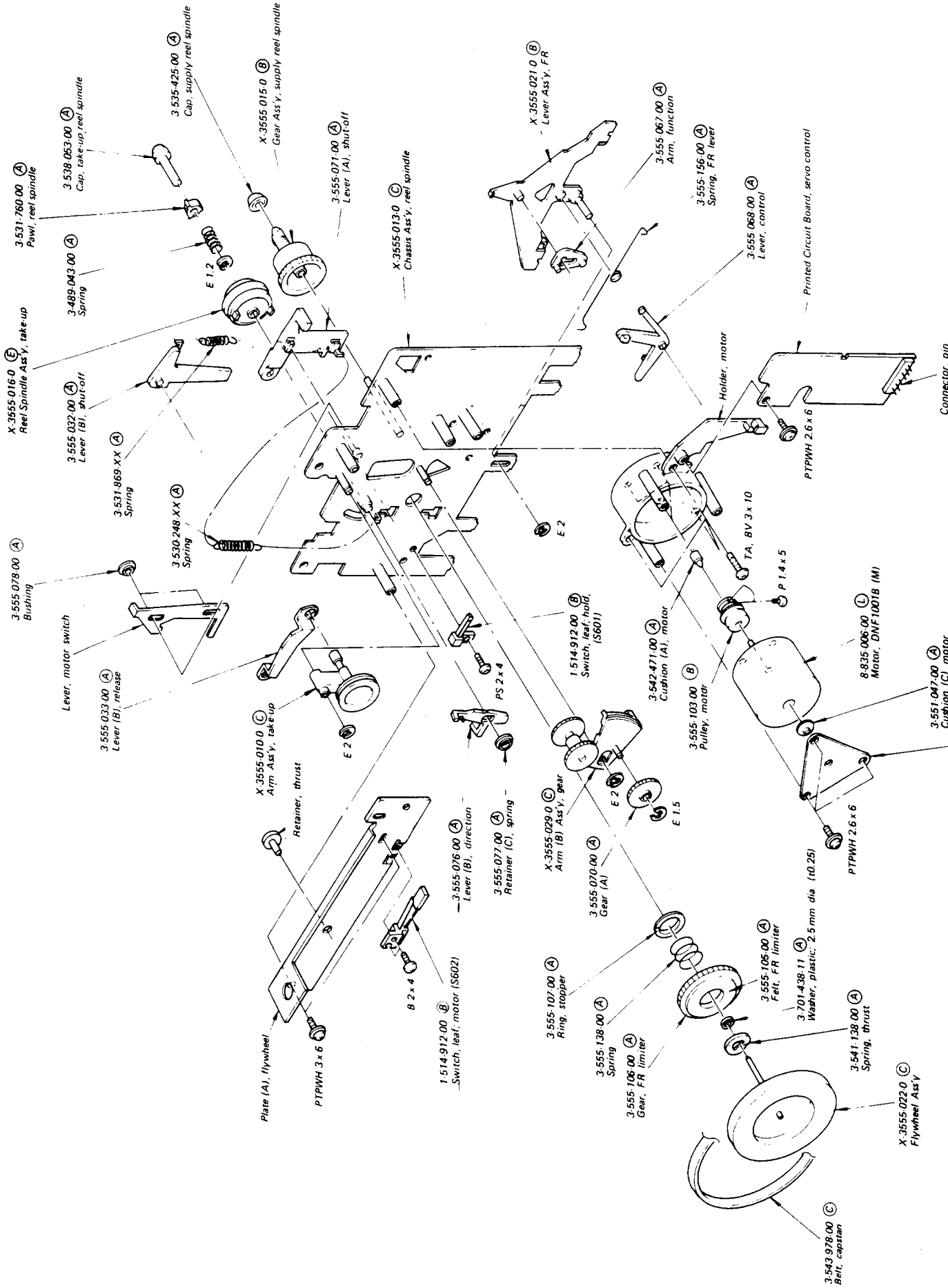

3-558-989-21
Cover, top
3-831-441-XX (A)
Cushion (t 0.5)
4-847-802-01 (A)
Screw, top cover
3-556-944-00
Plate, bottom
X-3556-910-0 (A)
Foot Ass'y
BV3x6
BV3x8
BV3X6
BV3 x 6
3-553-602-11 (A)
Button, reset
4-847-802-01 (A)
Screw, top cover
3-544-028-11
▲2
3-541-124-00 (A)
Window, tape counter
X-3552-111-2
Lid Ass'y, cassette holder (B)
X-3550-709-4 (F)
Escutcheon Ass'y, including parts marked ▲1, 2
3-831-441-XX (A)
Cushion (t 0.5)
BV3 x 6
4-855-833-01 (C)
Plate, ornamental, knob
M3x4
3-552-156-00
Button Ass'y (POWER)
A-2310-088-A
Panel Ass'y, front
X-3553-606-3 (B)
Knob Ass'y, DOLBY NR, TAPE SELECT
3-552-158-00
Knob Ass'y (L), REC LEVEL
3-552-157-00
Knob Ass'y (R), REC LEVEL

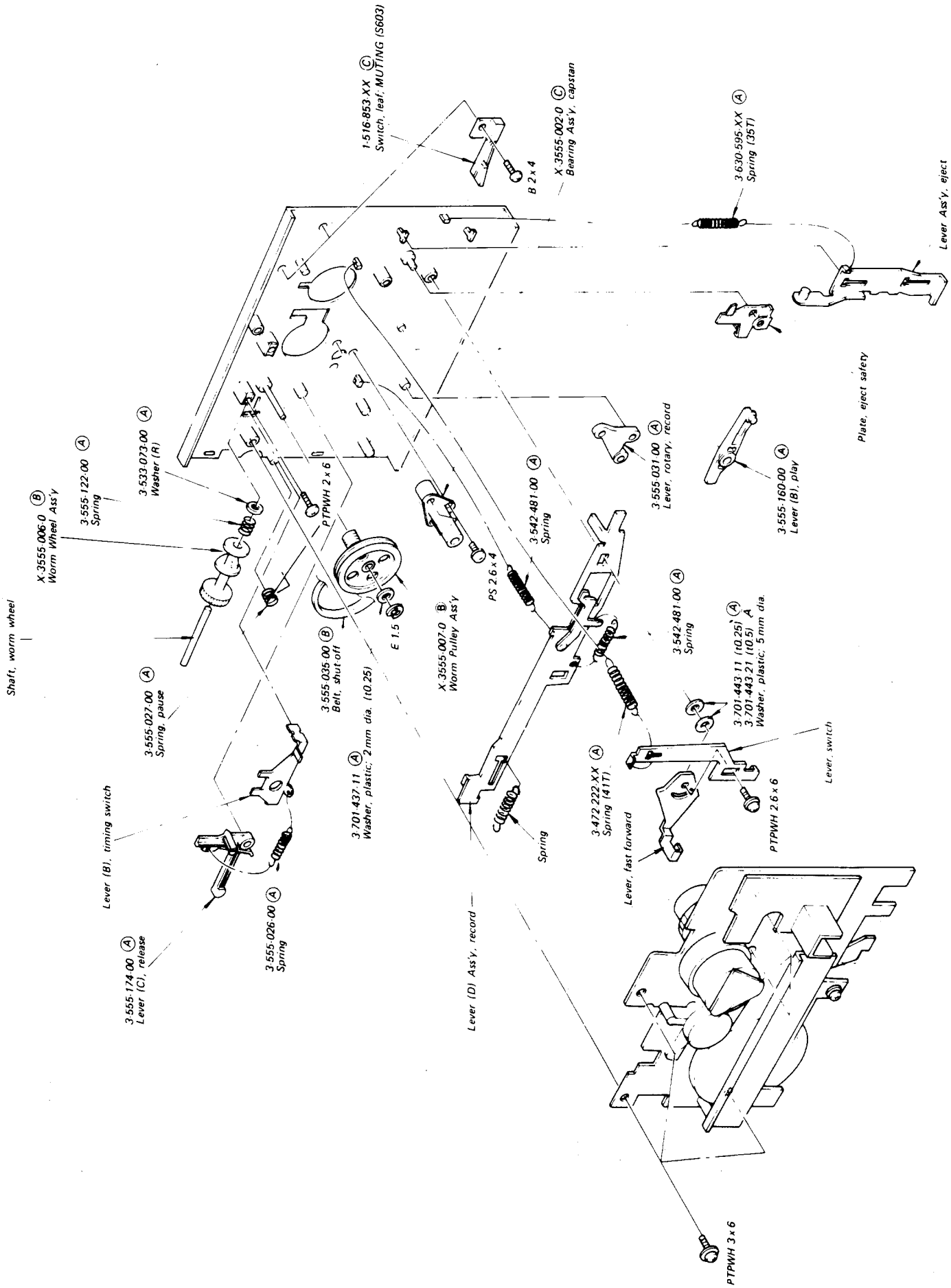

3-548-799-00
B2.6x8
3 646 090 11 (A) Rivet, plastic
3 558 913 11 (E) Panel, rear
1 536 501 21 (C) Jack, phono, LINE IN/OUT (CNJ102, 103, 202, 203)
Connector, REC/PB (CNJ104)
1 516 263 00 (C) Switch, slide, (REC/PB) (S1)
Complete Circuit Board, rec/pb amp
3 556 938 00 (B) Bracket, right
BTT3x5
PS3x4
BTT3x5
1 507 525 00 (C) Jack, phone, MIC (CNJ101, 201)
PSW3x6
B3x6
3 536 727 00 (A) Shield Plate
BV3x6
1 552 543 00 (C) Switch, lever slide, INPUT SELECT (S2)
1 226 207 00 (E) Resistor, variable, 20k A, REC LEVEL (RV103, 203)
Lever (A), REC limiter
Frame
4 855 801 00 (A) Holder, knob, ornamental
Plate, switch
1 552 366 00 (C) Switch, lever slide, EQ (S4)
1 552 367 00 (C) Switch, lever slide, DOLBY NR (S2)
1 552 368 00 (C) Switch, lever slide, BIAS (S3)
PS2.6x4
supplied with variable resistor
BV3x6
3 550 754 00 (A) Holder, transformer
PS3x5
1-446-191-00 Transformer, power (T901)
BTT3x5
BV3x6
A 2175-007-A (G) Damper Ass'y
3 143 079 00 (A) Spring
3 701 442 21 (A) Washer, plastic, 4mm dia (t 0.5)
9 911 835 42 (C) Cord, damper 0.5mm dia
PSW2.6x5
Bracket, left
BTT3x5
Plate, bottom
X 3556 910 0 (A) Foot Ass'y
BV3x8
Subchassis, front
BV3x6
BV3x6
PS2.6x5
BV3x6
1 552 206 11 (C) Switch, pushbutton, POWER (S901)
3 701 807 00 (A) Cover, spark killer (Canadian model)
Printed Circuit Board, HEADPHONE jack
1 507 439 00 (B) Jack, Phone, HEADPHONES (J301)
supplied with jack
Meter, level (ME101, 201)
1-520-373-11 (G)
11 -21 (R)
B3x6
1 509 546 00 (D) AC Input Connector
Printed Circuit Board, voltage selector


3-555-074-00 (A)
Spring
3-555-073-00 (A)
Spring
3-555-005-00 (B)
Plate (A), button lock
3-555-072-00 (A)
Plate (B), button lock
3-630-595-XX (A)
Spring (35T)
3-555-043-00 (C)
Button, pause (II)
3-555-041-31 (C)
Button, record (●)
3-555-042-00 (C)
Button, stop (■)
3-555-041-21 (C)
Button, fast-forward, forward, rewind (▶▶, ▶, ◀, ◀◀)
3-555-040-00 (C)
Button, eject (▲)
Shaft, button
3-555-044-00 (B)
Spring, button


1-587-753-00
Printed Circuit Board, timing switch
PS 2.6 x 12
1.516.686.00 Ⓒ
Switch, slide, timing (S6)
Plate, timing switch holder
PS 2.6 x 4
P 3 x 16
2.101.297.00 Ⓑ
Belt, counter
1.548.107.21 Ⓖ
Counter, tape
3.474.055.XX Ⓑ
Spring (S6T)
Plate, mis-erasure preventing
X 3559-001-0 Ⓒ
Retainer Ass'y, cassette: including part marked • A
• A
3.551.129.00 Ⓐ
Reflector
X 3555.024.0 Ⓑ
Stopper Ass'y
Bracket, cassette holder
Shaft, function button
3.555.114.00 Ⓐ
Spring (L), cassette holder
B 2.6 x 4 (black)
E 2
B 2.6 x 10
E 2
B 2.6 x 4 (black)
Lever Ass'y, lock
3.555.113.00 Ⓐ
Spring (R), cassette holder
3.555.117.00 Ⓑ
Holder Ass'y, cassette
SC 2.6 x 4, hexagon socket


3-542-476-00 (A)
Spring
E2.3
3-555-118-00 (A)
Lever, reset
3-555-153-00 (A)
Shaft, reset lever
Plate, slide, pause
Lever, release, pinch roller
1-518-115-XX (G)
Lamp, pilot; cassette (PL601)
3-534-276-00 (A)
Holder, lamp
Chassis Ass'y, main
3-555-020-00 (A)
Plate, pause lock
3-555-121-00 (A)
Spring
3-555-021-00 (A)
Spring
3-555-022-00 (A)
Spring, cassette holder
Steel Ball 2.5 mm dia.
X-3555-025-0 (B)
Pinch Lever Ass'y
PTPWH 2.6 x 6
CS 3
E 1.2
E2
Lever (A), timing switch
3-500-125-00 (A)
Spring
3-555-064-00 (A)
Spring, pinch roller
3-542-460-00 (A)
Roller
3-555-062-00 (A)
Retainer, lead
Retainer, head deck
9-911-848-XX (F)
Lining, back tension
3-555-017-00 (A)
Lever, back tension
3-555-124-00 (A)
Spring
G 3
3-555-015-00 (A)
Rubber, brake
Plate, brake
3-555-016-00 (A)
Spring, brake
G 3
Lever Ass'y, forward
3-555-002-00 (B)
Head Deck
Steel Ball 2 mm dia.
3-555-110-00 (A)
Spring, FR limiter
3-513-237-01 (10 1) (A)
3-513-237-11 (10 2) (A)
Washer, head height adjustment
B 2 x 10
3-481-272-00 (A)
Spring
8-825-506-00 (C)
Head, erase; EF135-36 (HE)
W 2
B 2 x 12
8-825-710-00 (L)
Head, record/playback; PF180-3602A (HRP)


X.3555-016-0 (E) Reel Spindle Ass'y, take-up
3-531-760-00 (A) Pawl, reel spindle
3-538-053-00 (A) Cap, take-up reel spindle
3-535-425-00 (A) Cap, supply reel spindle
X.3555-015-0 (B) Gear Ass'y, supply reel spindle
3-555-071-00 (A) Lever (A), shut-off
X.3555-013-0 (C) Chassis Ass'y, reel spindle
X.3555-021-0 (B) Lever Ass'y, FR
3-555-067-00 (A) Arm, function
3-555-156-00 (A) Spring, FR lever
3-555-068-00 (A) Lever, control
Printed Circuit Board, servo control
3-489-043-00 (A) Spring
E 1.2
3-555-032-00 (A) Lever (B), shut-off
3-531-869-XX (A) Spring
3-530-248-XX (A) Spring
3-555-078-00 (A) Bushing
Lever, motor switch
3-555-033-00 (A) Lever (B), release
E 2
Holder, motor
TA, BV 3x10
P 1.4x5
PTPWH 2.6x6
Connector, pin
1-514-912-00 (B) Switch, leaf, hold, (S601)
3-542-471-00 (A) Cushion (A), motor
3-555-103-00 (B) Pulley, motor
8-835-006-00 (L) Motor, DNF1001B (M)
3-551-047-00 (A) Cushion (C), motor
3-542-469-00 Plate, motor holder
PS 2x4
X.3555-010-0 (C) Arm Ass'y, take-up
Retainer, thrust
X.3555-029-0 (C) Arm (B) Ass'y, gear
E 1.5
3-555-070-00 (A) Gear (A)
3-555-076-00 (A) Lever (B), direction
3-555-077-00 (A) Retainer (C), spring
B 2x4
1-514-912-00 (B) Switch, leaf, motor (S602)
Plate (A), flywheel
PTPWH 3x6
3-555-107-00 (A) Ring, stopper
3-555-138-00 (A) Spring
3-555-106-00 (A) Gear, FR limiter
3-555-105-00 (A) Felt, FR limiter
3-701-438-11 (A) Washer, plastic, 2.5mm dia (t0.25)
3-541-138-00 (A) Spring, thrust
X.3555-022-0 (C) Flywheel Ass'y
3-543-978-00 (C) Belt, capstan


1-516-853-XX Ⓒ
Switch, leaf, MUTING (S603)
B 2x4
X-3555-002-0 Ⓒ
Bearing Ass'y, capstan
3-630-595-XX Ⓐ
Spring (35T)
Lever Ass'y, eject
Plate, eject safety
3-533-073-00 Ⓐ
Washer (R)
3-555-122-00 Ⓐ
Spring
X-3555-006-0 Ⓑ
Worm Wheel Ass'y
Shaft, worm wheel
PTPWH 2x6
E 1.5
3-555-035-00 Ⓑ
Belt, shut off
3-701-437-11 Ⓐ
Washer, plastic; 2mm dia. (t0.25)
3-555-027-00 Ⓐ
Spring, pause
Lever (B), timing switch
3-555-174-00 Ⓐ
Lever (C), release
3-555-026-00 Ⓐ
Spring
X-3555-007-0 Ⓑ
Worm Pulley Ass'y
PS 2.6x4
3-542-481-00 Ⓐ
Spring
Lever (D) Ass'y, record
Spring
3-555-031-00 Ⓐ
Lever, rotary, record
3-555-160-00 Ⓐ
Lever (B), play
3-542-481-00 Ⓐ
Spring
3-701-443-11 (t0.25) Ⓐ
3-701-443-21 (t0.5) Ⓐ
Washer, plastic; 5mm dia.
3-472-222-XX Ⓐ
Spring (41T)
Lever, fast forward
PTPWH 2.6x6
Lever, switch
PTPWH 3x6

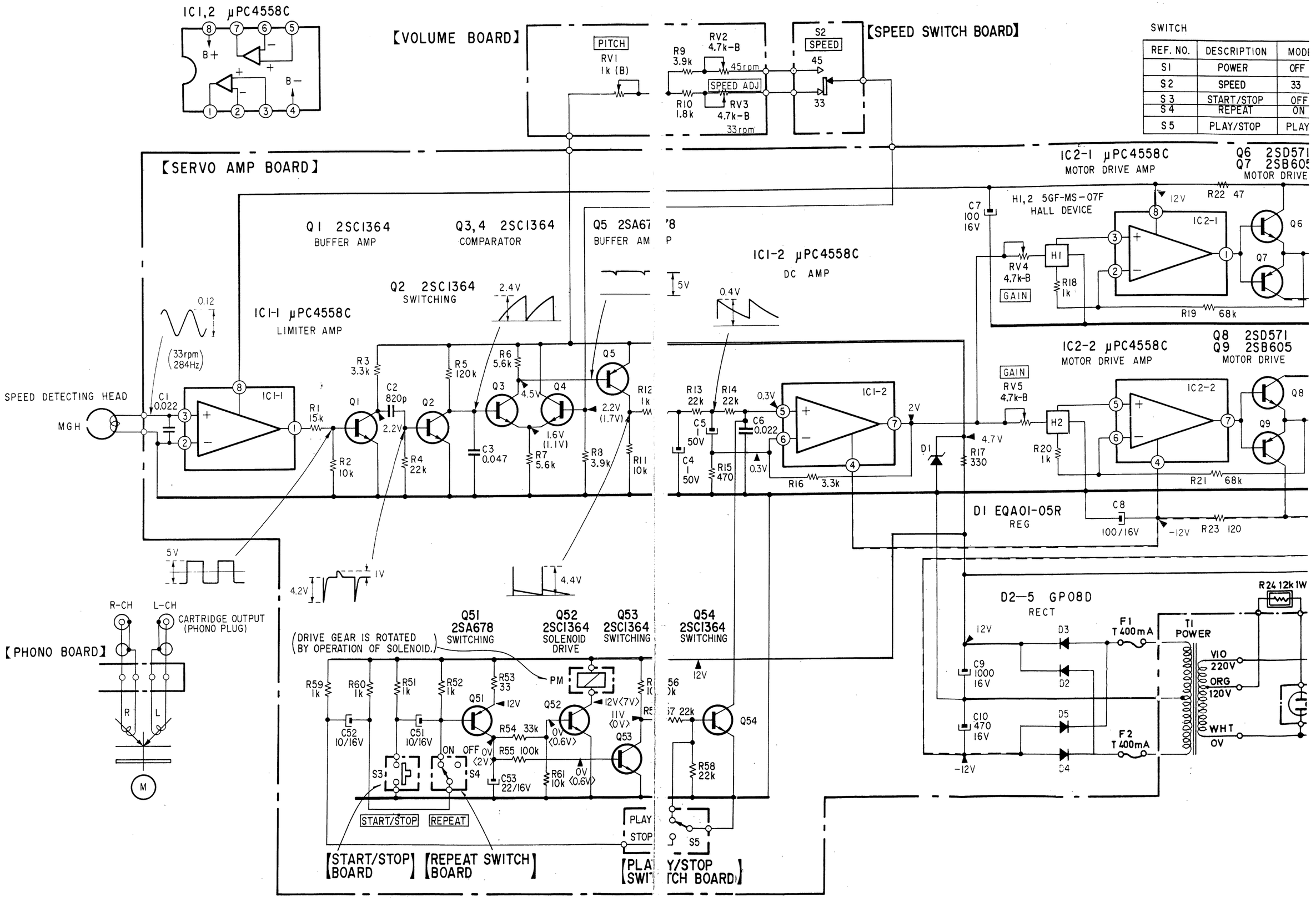
ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
TRANSISTOREN / TRANSISTORS		
$Q^{101,201}_{102,202}$	8-729-334-58	2SC1345
$Q^{103,203}_{104,204}$	8-729-663-47	2SC1364
Q171,271	8-729-334-58	2SC1345
$Q^{172\sim175}_{272\sim275}$	8-729-663-47	2SC1364
Q301	8-760-413-10	2SC1475
Q303–305	8-729-663-47	2SC1364
Q351	8-760-413-10	2SC1475
Q352	8-829-468-43	2SA684
Q353	8-729-663-47	2SC1364
Q354	8-727-786-01	2SA678
Q601,602	8-729-663-47	2SC1364
Q603	8-729-141-43	2SD414
ICs		
$IC^{101,201}_{301}$	8-759-145-58	µPC4558
DIODEN / DIODES		
D101,201	8-719-422-21	IT22AM
S102,202	8-719-815-55	1S1555
D171,271	8-719-422-21	IT22AM
$D^{172,272}_{173,273}$	8-719-815-55	1S1555
D301,302	8-719-900-24	SLP24B
D303,304	8-719-815-55	1S1555
D305	8-719-133-00	RD3A
D306	8-719-931-06	EQB01-06
D308	8-719-200-02	10E2
D351~354	8-719-200-02	10E2
D355,356	8-719-200-02	10E2
D357,358	8-719-931-06	EQB01-06
D601	8-719-815-55	1S1555
THERMISTOR		
Th601	1-800-200-11	S-1.5k
SPULEN / COIL		
L101,201	1-407-211-XX	27 mH, MICROINDUCTOR
TRANSFORMATOREN / TRANSFORMERS		
T301	1-433-132-00	BIAS OSCILLATOR
T901	1-446-190-00	POWER
KONDENSATOREN / CAPACITORS		
Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.		All capacitors are in µF and ceramic unless otherwise noted. 50WV or less are not indicated except for electrolytic and tantalum. pF: µµF, elect: electrolytic.
C101,201	1-161-323-11	0.001
C102,202	1-121-450-11	2.2 50 V ELECT
C103,203	1-161-323-11	0.001
C104,204	1-121-450-11	2.2 50 V ELECT
C105,205	1-121-398-11	10 25 V ELECT
$C^{106,206}_{107,207}$	1-121-414-11	100 10 V ELECT
C108,208	1-161-313-11	150 p
$C^{109,209}_{110,210}$	1-161-272-11	120 p
C111,211	1-161-313-11	150 p
C112,212	1-161-315-11	220 p
C113,213	1-123-050-11	2.2 50 V ELECT
C114,214	1-121-413-11	100 6.3 V ELECT
C115,215	1-108-587-12	0.022 MYLAR
$C^{116,216}_{117,217}$	1-121-352-11	47 10 V ELECT
C118,218	1-161-271-11	100 p
C119,219	1-161-263-11	22 p
C120,220	1-121-450-11	2.2 50 V ELECT
C121,221	1-108-587-12	0.022 MYLAR
C122,222	1-161-327-11	0.0033
C123,223	1-161-271-11	100 p
C124,224	1-161-257-11	6.8 p
C125,225	1-161-271-11	100 p
C126,226	1-108-593-12	0.039 MYLAR
C127,227	1-121-391-11	1 50 V ELECT
C128,228	1-161-320-11	560 p
C129,229	1-161-315-11	220 p
C130,230	1-108-583-12	0.015 MYLAR
C131,231	1-108-581-12	0.012 MYLAR
C132,232	1-108-563-12	0.0022 MYLAR
C133,233	1-161-271-11	100 p
C134,234	1-107-168-11	91 p 500 V SILVERED MICA
C135,235	1-107-169-11	100 p 500 V SILVERED MICA
C136,236	1-121-398-11	10 25 V ELECT
C138,238	1-121-352-11	47 10 V ELECT
C139,239	1-121-398-11	10 25 V ELECT
C171,271	1-121-398-11	10 25 V ELECT
C172,272	1-108-579-12	0.01 MYLAR
C173,273	1-108-581-12	0.012 MYLAR
C175,275	1-108-597-12	0.056 MYLAR
C176,276	1-108-573-12	0.0056 MYLAR
C177,277	1-121-398-11	10 25 V ELECT
C178,278	1-161-263-11	22 p
C179,279	1-108-567-12	0.0033 MYLAR
C180,280	1-121-986-11	2.2 50 V ELECT
C181,281	1-121960-11	3.3 25 V ELECT
C182,282	1-108-595-12	0.047 MYLAR
C301	1-129-710-11	0.0047 630 V POLYETHYLENE
C302	1-106-202-12	0.018 100 V MYLAR
C303	1-129-701-11	0.01 100 V POLYETHYLENE
C304	1-121-450-11	2.2 50 V ELECT
C305	1-121-398-11	10 25 V ELECT
C306	1-121-479-11	22 16 V ELECT
C307	1-121-352-11	47 10 V ELECT
C308	1-121-479-11	22 16 V ELECT
C309	1-121-521-11	330 16 V ELECT
C310	1-161-323-11	0.001
C311	1-21-414-11	100 10 V ELECT
C351,352	1-123-336-11	470 25 V ELECT
C353,354	1-123-324811	1000 16 V ELECT
C355,356	1-123-321-11	220 16 V ELECT
C357,358	1-123-308-11	220 10 V ELECT
C359,360	1-123-321-11	220 16 V ELECT
CT101,201	1-141-010-XX	120 p TRIMMER
WIDERSTÄNDE / RESISTORS		
R302	1-217-225-11	120 2W WIREWOUND
R303	1-244-852-11	130 ½W
R318,319	1-244-849-11	100 ½W
R361	1-206-644-11	150 2W METAL OXIDE (NONFLAMMABLE)
R611	1-217-387-11	10 ¼W FUSIBLE
RV101,201	1-224-641-XX	470-B, ADJUSTABLE; PB LEVEL
RV102,202	1-224-644-XX	4.7k-B, ADJUSTABLE; REC LEVEL
RV103,203	1-226-207-00	20 k-A, VARIABLE; REC-L.
RV602	1-224-630-00	470-B, ADJUSTABLE; TAPE-SP.

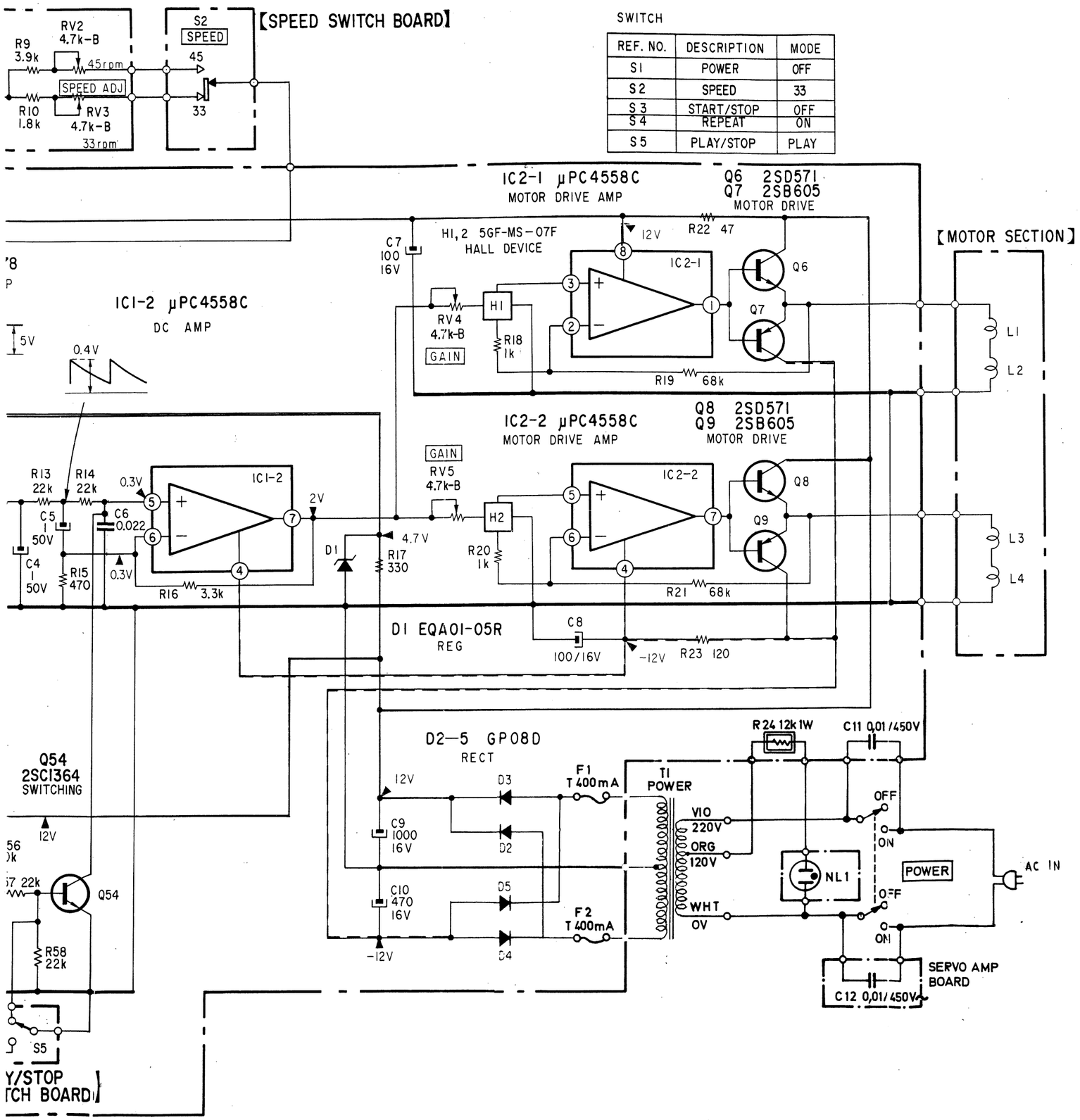
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
SCHALTER / SWITCHES		
S1	1-516-263-00	SLIDE, RED/PB
S2	1-552-367-00	LEVER-SLIDE, DOLBY NR
S3	1-552-368-00	LEVER-SLIDE, BIAS
S4	1-552-366-00	LEVER-SLIDE, EQ
S5	1-552-543-00	LEVER-SLIDE, INPUT SELECT
S6	1-516-686-00	SLIDE, TIMING
S601,602	1-514-912-00	LEAF, HOLD, MOTOR
S603	1-516-853-XX	LEAF, MUTING
ANSCHLÜSSE / JACKS		
J301	1-507-439-00	PHONE, HEADPHONES
CNJ101,201	1-507-525-00	PHONE, MIC
CNJ102,202		PHONO, LINE IN/OUT
CNJ103,203	1-536-501-21	CONNECTOR, REC/PB
CNJ104		

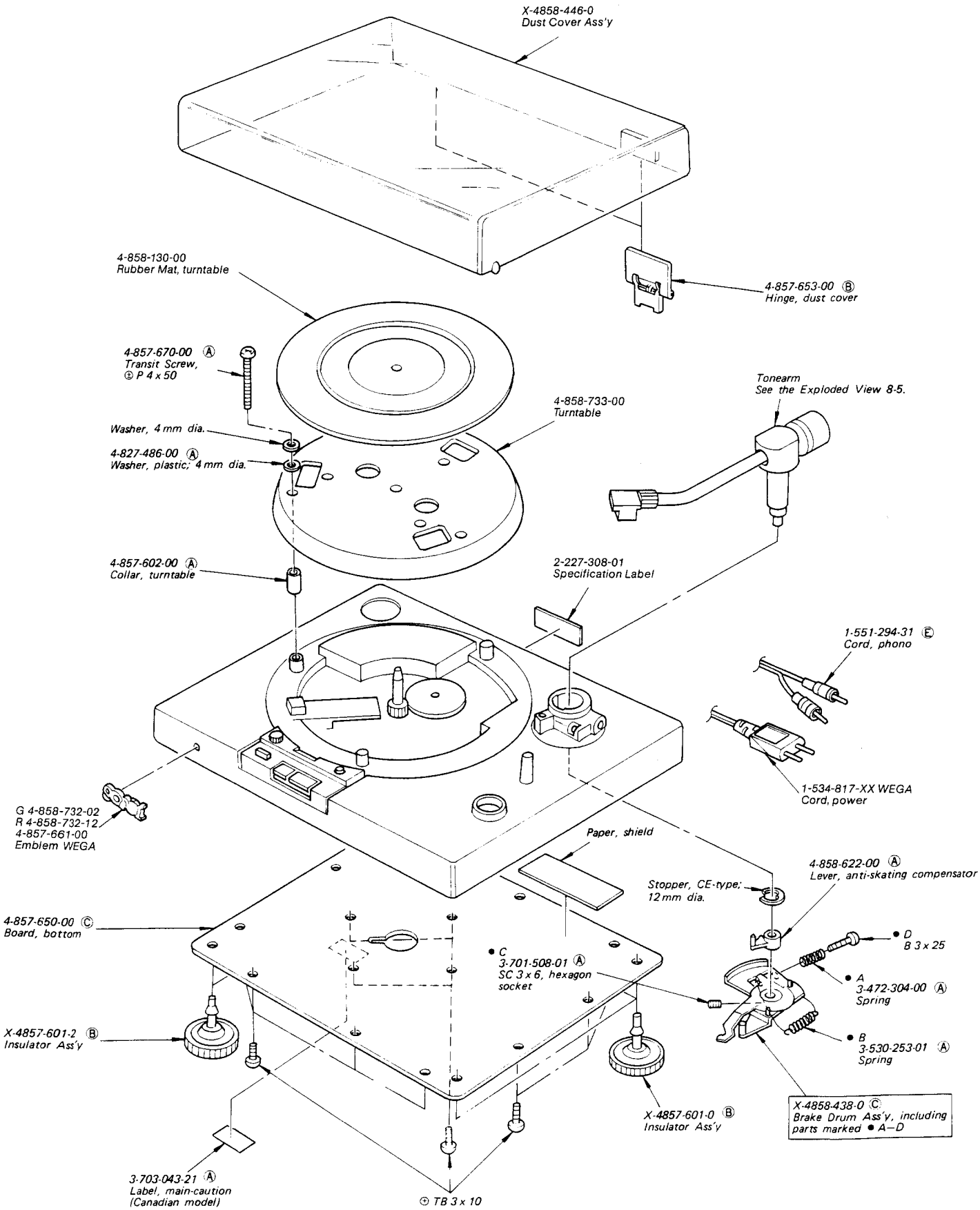
POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
SONSTIGES / MISCELLANEOUS		
LPF101,201	1-231-372-00	FILTER, LOWPASS
HE	8-825-506-00	HEAD, ERASE; EF 135-36
HRP	8-825-710-00	HEAD, REC/PB; PF 180-3602A
M	8-835-006-00	MOTOR DNF-1001B
ME101,201	1-520-373-11	METER, LEVEL
	1-520-373-21	
PL601	1-518-115-XX	LAMP, 8 V / 50 mA CASSETTE
PL602	1-518-340-71	LAMP, 8 V / 300 mA METER
	1-509-546-00	AC INPUT CONNECTOR
	1-548-107-21	COUNTER, TAPE
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS		
	1-534-049-31	CORD, CONNECTION RK-74H
	3-550-769-00	CARTON
	3-552-147-00	CUSHION (A)
	3-552-148-00	CUSHION (B)

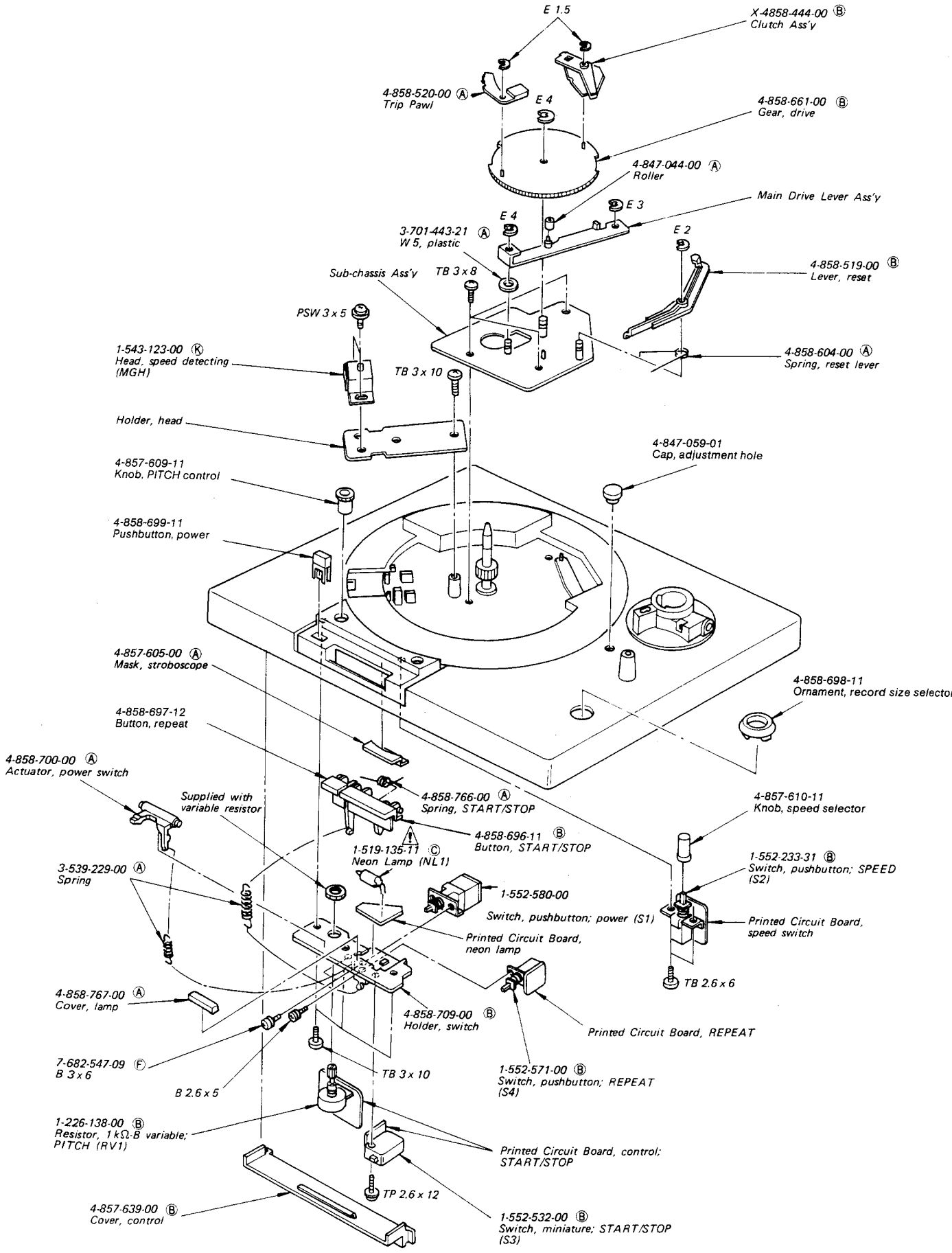
59 leer

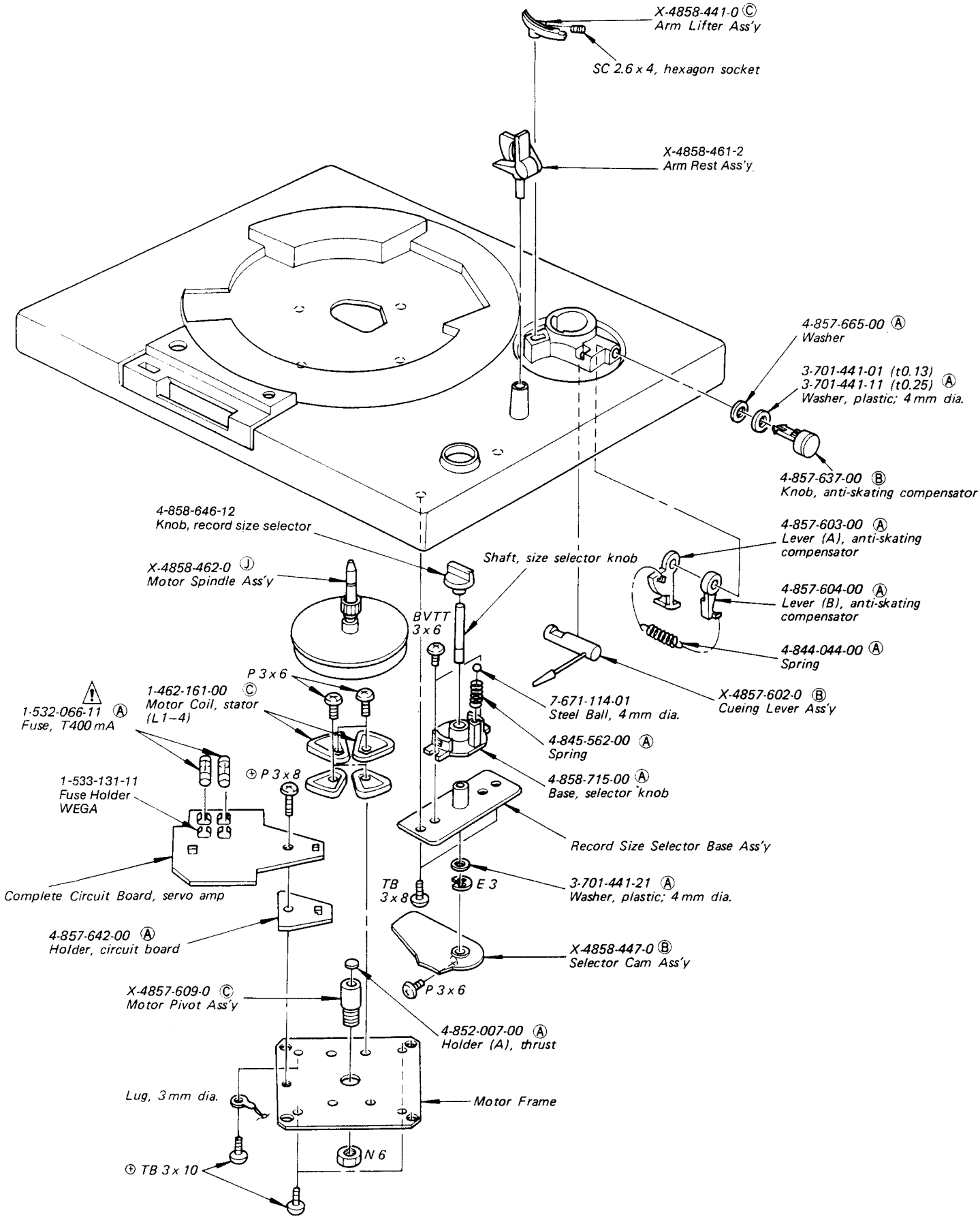

IC1,2 μPC4558C
B+
B−
【VOLUME BOARD】
PITCH
RV1
1k (B)
RV2
4.7k-B
R9
3.9k
45rpm
SPEED ADJ
RV3
4.7k-B
33rpm
R10
1.8k
S2
SPEED
45
33
【SPEED SWITCH BOARD】
SWITCH
REF. NO. | DESCRIPTION | MODE
S1 | POWER | OFF
S2 | SPEED | 33
S3 | START/STOP | OFF
S4 | REPEAT | ON
S5 | PLAY/STOP | PLAY
【SERVO AMP BOARD】
Q1 2SC1364
BUFFER AMP
Q3,4 2SC1364
COMPARATOR
Q5 2SA67
BUFFER AM
Q2 2SC1364
SWITCHING
IC1-1 μPC4558C
LIMITER AMP
0.12
(33rpm
284Hz)
SPEED DETECTING HEAD
MGH
C1
0.022
IC1-1
R1
15k
Q1
C2
820p
Q2
R3
3.3k
R5
120k
R6
5.6k
Q3
4.5V
Q4
Q5
R12
1k
2.2V
(1.7V)
1.6V
(1.1V)
R2
10k
R4
22k
C3
0.047
R7
5.6k
R8
3.9k
R11
10k
2.4V
5V
4.2V
1V
4.4V
IC1-2 μPC4558C
DC AMP
5V
0.4V
R13
22k
R14
22k
0.3V
IC1-2
C5
1
50V
C6
0.022
C4
1
50V
R15
470
0.3V
R16
3.3k
2V
4.7V
D1
R17
330
IC2-1 μPC4558C
MOTOR DRIVE AMP
Q6 2SD571
Q7 2SB605
MOTOR DRIVE
HI,2 5GF-MS-07F
HALL DEVICE
C7
100
16V
12V
R22 47
IC2-1
Q6
Q7
RV4
4.7k-B
GAIN
HI
R18
1k
R19
68k
IC2-2 μPC4558C
MOTOR DRIVE AMP
Q8 2SD571
Q9 2SB605
MOTOR DRIVE
GAIN
RV5
4.7k-B
H2
IC2-2
Q8
Q9
R20
1k
R21
68k
D1 EQA01-05R
REG
C8
100/16V
-12V
R23 120
D2—5 GP08D
RECT
R24 12k 1W
12V
D3
F1
T 400mA
TI
POWER
VIO
220V
ORG
120V
WHT
0V
C9
1000
16V
D2
C10
470
16V
D5
D4
F2
T 400mA
-12V
【PHONO BOARD】
R-CH
L-CH
CARTRIDGE OUTPUT
(PHONO PLUG)
R
L
M
(DRIVE GEAR IS ROTATED
BY OPERATION OF SOLENOID.)
Q51
2SA678
SWITCHING
Q52
2SC1364
SOLENOID
DRIVE
Q53
2SC1364
SWITCHING
Q54
2SC1364
SWITCHING
PM
R59
1k
R60
1k
R51
1k
R52
1k
R53
33
Q51
12V
Q52
12V(7V)
11V
(0V)
0V
(0.6V)
R54 33k
R55 100k
0V
(2V)
ON
OFF
S3
S4
C52
10/16V
C51
10/16V
C53
22/16V
R61
10k
0V
(0.6V)
Q53
R58
22k
Q54
S5
START/STOP
REPEAT
PLAY
STOP
【START/STOP
BOARD】
【REPEAT SWITCH
BOARD】
【PLA
SWI
Y/STOP
TCH BOARD】

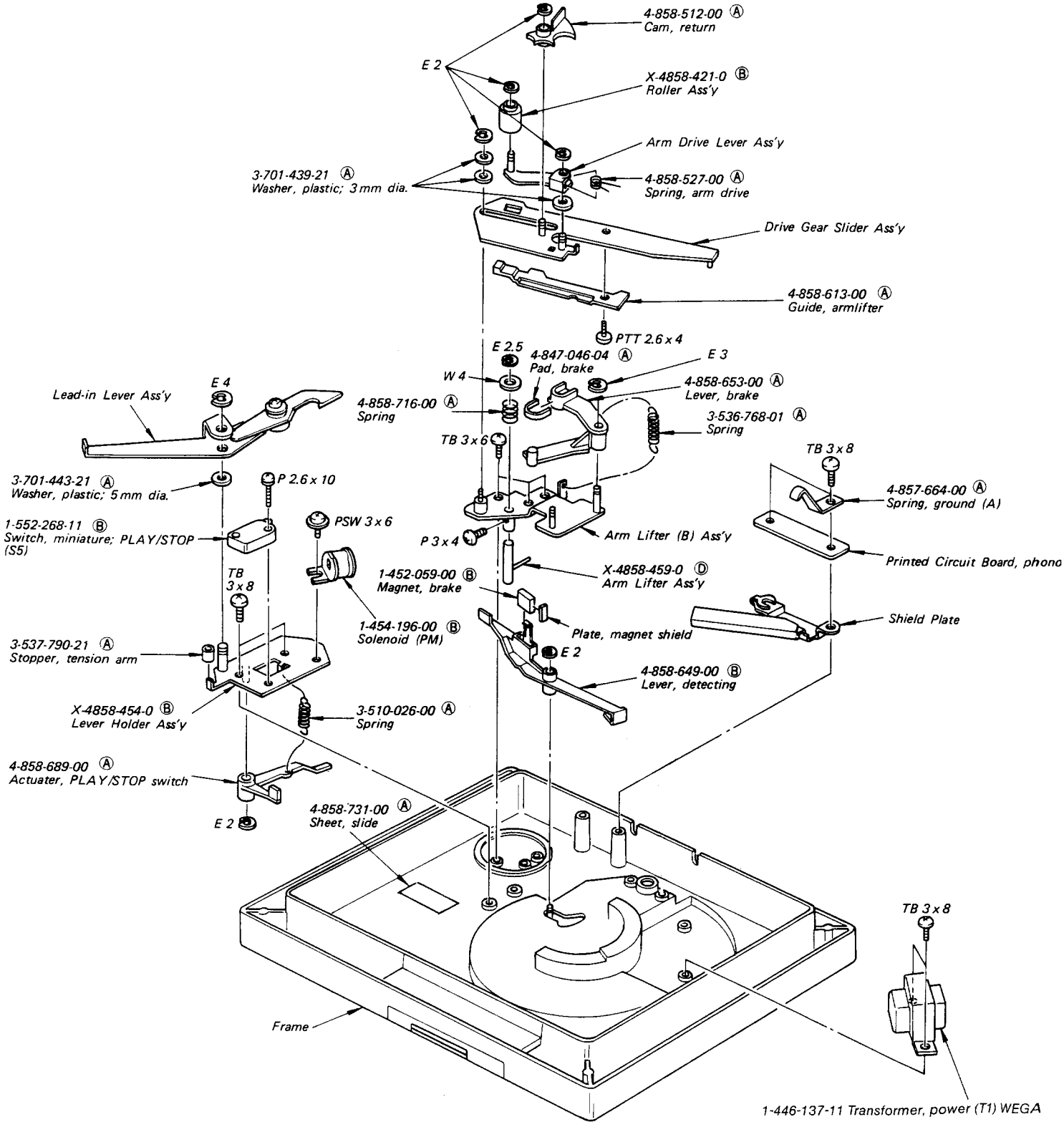
59 leer

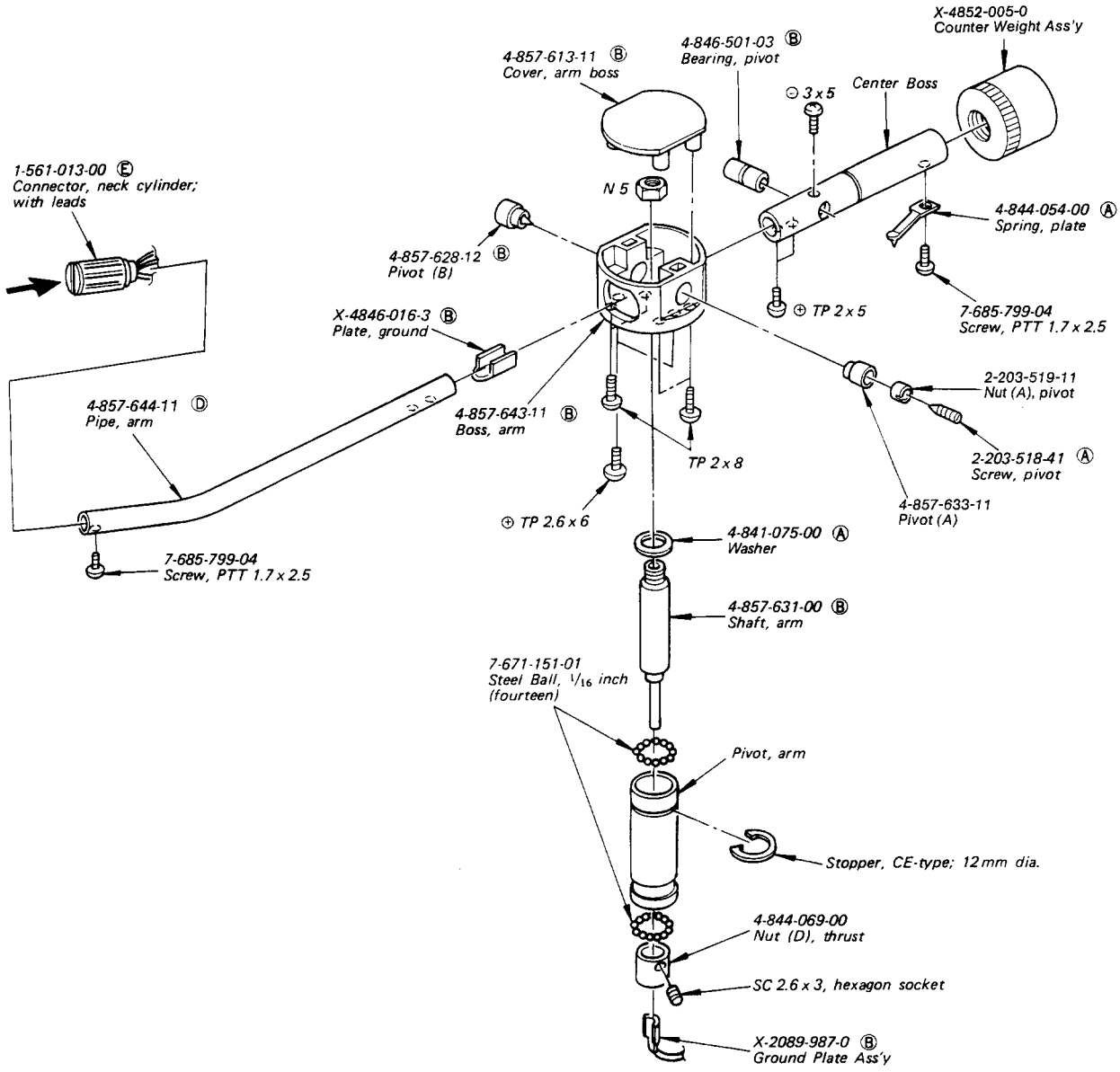

【SPEED SWITCH BOARD】
RV2 4.7k-B
S2 SPEED
R9 3.9k
45rpm
45
SPEED ADJ
R10 1.8k
RV3 4.7k-B
33rpm
33
SWITCH
REF. NO. | DESCRIPTION | MODE
S1 | POWER | OFF
S2 | SPEED | 33
S3 | START/STOP | OFF
S4 | REPEAT | ON
S5 | PLAY/STOP | PLAY
IC2-1 μPC4558C
MOTOR DRIVE AMP
Q6 2SD571
Q7 2SB605
MOTOR DRIVE
【MOTOR SECTION】
H1,2 5GF-MS-07F
HALL DEVICE
12V
R22 47
C7 100 16V
IC2-1
Q6
Q7
H1
RV4 4.7k-B
GAIN
R18 1k
R19 68k
L1
L2
IC1-2 μPC4558C
DC AMP
5V
0.4V
IC2-2 μPC4558C
MOTOR DRIVE AMP
Q8 2SD571
Q9 2SB605
MOTOR DRIVE
GAIN
RV5 4.7k-B
R13 22k
R14 22k
0.3V
IC1-2
2V
C5 1 50V
C6 0.022
C4 1 50V
R15 470
0.3V
R16 3.3k
4.7V
D1
R17 330
H2
R20 1k
IC2-2
Q8
Q9
R21 68k
L3
L4
D1 EQA01-05R
REG
C8
100/16V
-12V
R23 120
D2-5 GP08D
RECT
R24 12k 1W
C11 0.01/450V
12V
D3
F1 T400mA
T1 POWER
VIO 220V
ORG 120V
WHT 0V
OFF
ON
NL1
POWER
AC IN
C9 1000 16V
D2
C10 470 16V
D5
F2 T400mA
-12V
D4
SERVO AMP BOARD
C12 0.01/450V
Q54 2SC1364
SWITCHING
12V
R58 22k
S5
Y/STOP
TCH BOARD】

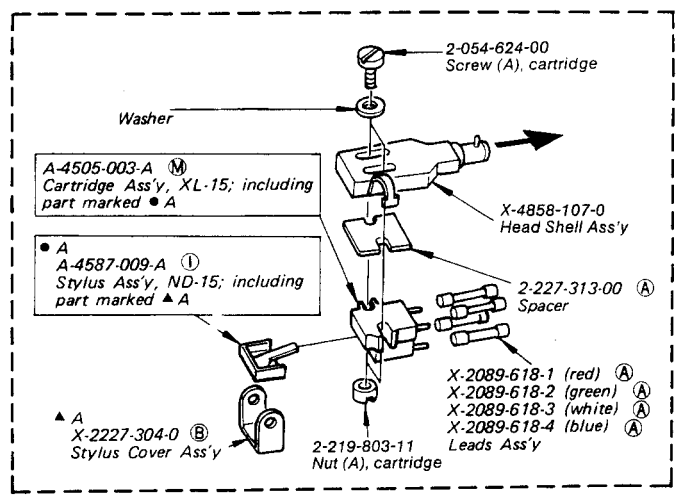

X-4858-446-0
Dust Cover Ass'y
4-858-130-00
Rubber Mat, turntable
4-857-653-00 Ⓑ
Hinge, dust cover
4-857-670-00 Ⓐ
Transit Screw,
⊕ P 4 x 50
Washer, 4 mm dia.
4-827-486-00 Ⓐ
Washer, plastic, 4 mm dia.
4-858-733-00
Turntable
Tonearm
See the Exploded View 8-5.
4-857-602-00 Ⓐ
Collar, turntable
2-227-308-01
Specification Label
1-551-294-31 Ⓔ
Cord, phono
1-534-817-XX WEGA
Cord, power
G 4-858-732-02
R 4-858-732-12
4-857-661-00
Emblem WEGA
Paper, shield
4-858-622-00 Ⓐ
Lever, anti-skating compensator
Stopper, CE-type;
12 mm dia.
4-857-650-00 Ⓒ
Board, bottom
• C
3-701-508-01 Ⓐ
SC 3 x 6, hexagon
socket
• D
B 3 x 25
• A
3-472-304-00 Ⓐ
Spring
• B
3-530-253-01 Ⓐ
Spring
X-4857-601-2 Ⓑ
Insulator Ass'y
X-4857-601-0 Ⓑ
Insulator Ass'y
X-4858-438-0 Ⓒ
Brake Drum Ass'y, including
parts marked • A–D
3-703-043-21 Ⓐ
Label, main-caution
(Canadian model)
⊕ TB 3 x 10


E 1.5
X-4858-444-00 Ⓑ
Clutch Ass'y
4-858-520-00 Ⓐ
Trip Pawl
E 4
4-858-661-00 Ⓑ
Gear, drive
4-847-044-00 Ⓐ
Roller
Main Drive Lever Ass'y
E 3
E 4
3-701-443-21 Ⓐ
W 5, plastic
E 2
4-858-519-00 Ⓑ
Lever, reset
Sub-chassis Ass'y
TB 3 x 8
PSW 3 x 5
1-543-123-00 Ⓚ
Head, speed detecting (MGH)
TB 3 x 10
4-858-604-00 Ⓐ
Spring, reset lever
Holder, head
4-847-059-01
Cap, adjustment hole
4-857-609-11
Knob, PITCH control
4-858-699-11
Pushbutton, power
4-857-605-00 Ⓐ
Mask, stroboscope
4-858-698-11
Ornament, record size selector
4-858-697-12
Button, repeat
4-858-700-00 Ⓐ
Actuator, power switch
Supplied with variable resistor
4-858-766-00 Ⓐ
Spring, START/STOP
4-858-696-11 Ⓑ
Button, START/STOP
4-857-610-11
Knob, speed selector
1-519-135-11 Ⓒ
Neon Lamp (NL1)
3-539-229-00 Ⓐ
Spring
1-552-580-00
Switch, pushbutton; power (S1)
1-552-233-31 Ⓑ
Switch, pushbutton; SPEED (S2)
Printed Circuit Board, neon lamp
Printed Circuit Board, speed switch
TB 2.6 x 6
4-858-767-00 Ⓐ
Cover, lamp
4-858-709-00 Ⓑ
Holder, switch
Printed Circuit Board, REPEAT
7-682-547-09 Ⓕ
B 3 x 6
TB 3 x 10
1-552-571-00 Ⓑ
Switch, pushbutton; REPEAT (S4)
B 2.6 x 5
1-226-138-00 Ⓑ
Resistor, 1 kΩ-B variable; PITCH (RV1)
Printed Circuit Board, control; START/STOP
TP 2.6 x 12
4-857-639-00 Ⓑ
Cover, control
1-552-532-00 Ⓑ
Switch, miniature; START/STOP (S3)


X-4858-441-0 Ⓒ
Arm Lifter Ass'y
SC 2.6 x 4, hexagon socket
X-4858-461-2
Arm Rest Ass'y
4-857-665-00 Ⓐ
Washer
3-701-441-01 (t0.13)
3-701-441-11 (t0.25) Ⓐ
Washer, plastic; 4 mm dia.
4-857-637-00 Ⓑ
Knob, anti-skating compensator
4-858-646-12
Knob, record size selector
X-4858-462-0 Ⓙ
Motor Spindle Ass'y
Shaft, size selector knob
BVTT
3 x 6
4-857-603-00 Ⓐ
Lever (A), anti-skating compensator
4-857-604-00 Ⓐ
Lever (B), anti-skating compensator
4-844-044-00 Ⓐ
Spring
X-4857-602-0 Ⓑ
Cueing Lever Ass'y
P 3 x 6
1-462-161-00 Ⓒ
Motor Coil, stator (L1–4)
1-532-066-11 Ⓐ
Fuse, T400 mA
7-671-114-01
Steel Ball, 4 mm dia.
4-845-562-00 Ⓐ
Spring
⊕ P 3 x 8
1-533-131-11
Fuse Holder WEGA
4-858-715-00 Ⓐ
Base, selector knob
Record Size Selector Base Ass'y
Complete Circuit Board, servo amp
TB
3 x 8
E 3
3-701-441-21 Ⓐ
Washer, plastic; 4 mm dia.
4-857-642-00 Ⓐ
Holder, circuit board
X-4858-447-0 Ⓑ
Selector Cam Ass'y
P 3 x 6
X-4857-609-0 Ⓒ
Motor Pivot Ass'y
4-852-007-00 Ⓐ
Holder (A), thrust
Lug, 3 mm dia.
Motor Frame
N 6
⊕ TB 3 x 10


4-858-512-00 Ⓐ
Cam, return
E 2
X-4858-421-0 Ⓑ
Roller Ass'y
Arm Drive Lever Ass'y
3-701-439-21 Ⓐ
Washer, plastic; 3mm dia.
4-858-527-00 Ⓐ
Spring, arm drive
Drive Gear Slider Ass'y
4-858-613-00 Ⓐ
Guide, armlifter
PTT 2.6x4
E 2.5
4-847-046-04 Ⓐ
Pad, brake
E 3
W 4
4-858-653-00 Ⓐ
Lever, brake
Lead-in Lever Ass'y
E 4
4-858-716-00 Ⓐ
Spring
3-536-768-01 Ⓐ
Spring
TB 3x6
TB 3x8
4-857-664-00 Ⓐ
Spring, ground (A)
3-701-443-21 Ⓐ
Washer, plastic; 5mm dia.
P 2.6x10
1-552-268-11 Ⓑ
Switch, miniature; PLAY/STOP (S5)
PSW 3x6
P 3x4
Arm Lifter (B) Ass'y
Printed Circuit Board, phono
TB 3x8
X-4858-459-0 Ⓓ
Arm Lifter Ass'y
1-452-059-00 Ⓑ
Magnet, brake
Shield Plate
1-454-196-00 Ⓑ
Solenoid (PM)
Plate, magnet shield
3-537-790-21 Ⓐ
Stopper, tension arm
E 2
4-858-649-00 Ⓑ
Lever, detecting
X-4858-454-0 Ⓑ
Lever Holder Ass'y
3-510-026-00 Ⓐ
Spring
4-858-689-00 Ⓐ
Actuater, PLAY/STOP switch
E 2
4-858-731-00 Ⓐ
Sheet, slide
TB 3x8
Frame
1-446-137-11 Transformer, power (T1) WEGA


X-4852-005-0
Counter Weight Ass'y
4-857-613-11 Ⓑ
Cover, arm boss
4-846-501-03 Ⓑ
Bearing, pivot
⊖ 3 x 5
Center Boss
1-561-013-00 Ⓔ
Connector, neck cylinder; with leads
N 5
4-844-054-00 Ⓐ
Spring, plate
4-857-628-12 Ⓑ
Pivot (B)
⊕ TP 2 x 5
7-685-799-04
Screw, PTT 1.7 x 2.5
X-4846-016-3 Ⓑ
Plate, ground
2-203-519-11
Nut (A), pivot
4-857-644-11 Ⓓ
Pipe, arm
4-857-643-11 Ⓑ
Boss, arm
TP 2 x 8
2-203-518-41 Ⓐ
Screw, pivot
4-857-633-11
Pivot (A)
⊕ TP 2.6 x 6
4-841-075-00 Ⓐ
Washer
7-685-799-04
Screw, PTT 1.7 x 2.5
4-857-631-00 Ⓑ
Shaft, arm
7-671-151-01
Steel Ball, 1/16 inch
(fourteen)
Pivot, arm
Stopper, CE-type; 12mm dia.
4-844-069-00
Nut (D), thrust
SC 2.6 x 3, hexagon socket
X-2089-987-0 Ⓑ
Ground Plate Ass'y


2-054-624-00
Screw (A), cartridge
Washer
A-4505-003-A Ⓜ
Cartridge Ass'y, XL-15; including part marked • A
X-4858-107-0
Head Shell Ass'y
• A
A-4587-009-A Ⓘ
Stylus Ass'y, ND-15; including part marked ▲ A
2-227-313-00 Ⓐ
Spacer
X-2089-618-1 (red) Ⓐ
X-2089-618-2 (green) Ⓐ
X-2089-618-3 (white) Ⓐ
X-2089-618-4 (blue) Ⓐ
Leads Ass'y
▲ A
X-2227-304-0 Ⓑ
Stylus Cover Ass'y
2-219-803-11
Nut (A), cartridge

ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
TRANSISTOREN / TRANSISTORS		
Q1–4	8-729-663-47	2SC1364
Q5	8-727-788-00	2SA678
Q6	8-729-157-11	2SD571
Q7	8-729-160-51	2SB605
Q8	8-729-157-11	2SD571
Q9	8-729-160-51	2SB605
Q51	8-727-788-00	2SA678
Q52–54	8-729-663-47	2SC1364
ICs		
IC1,2	8-759-145-58	µPC4558C
DIODEN / DIODES		
D1	8-719-931-05	EQB01-05
D2–5	8-719-200-02	10E2
HALL ELEMENTE / HALL ELEMENTS		
H1,2	8-719-905-07	5GF-MS-07F
SPULEN / COILS		
L1–4	1-462-161-00	MOTOR COIL, STATOR
TRANSFORMATOREN / TRANSFORMERS		
T1	1-446-137-11	POWER

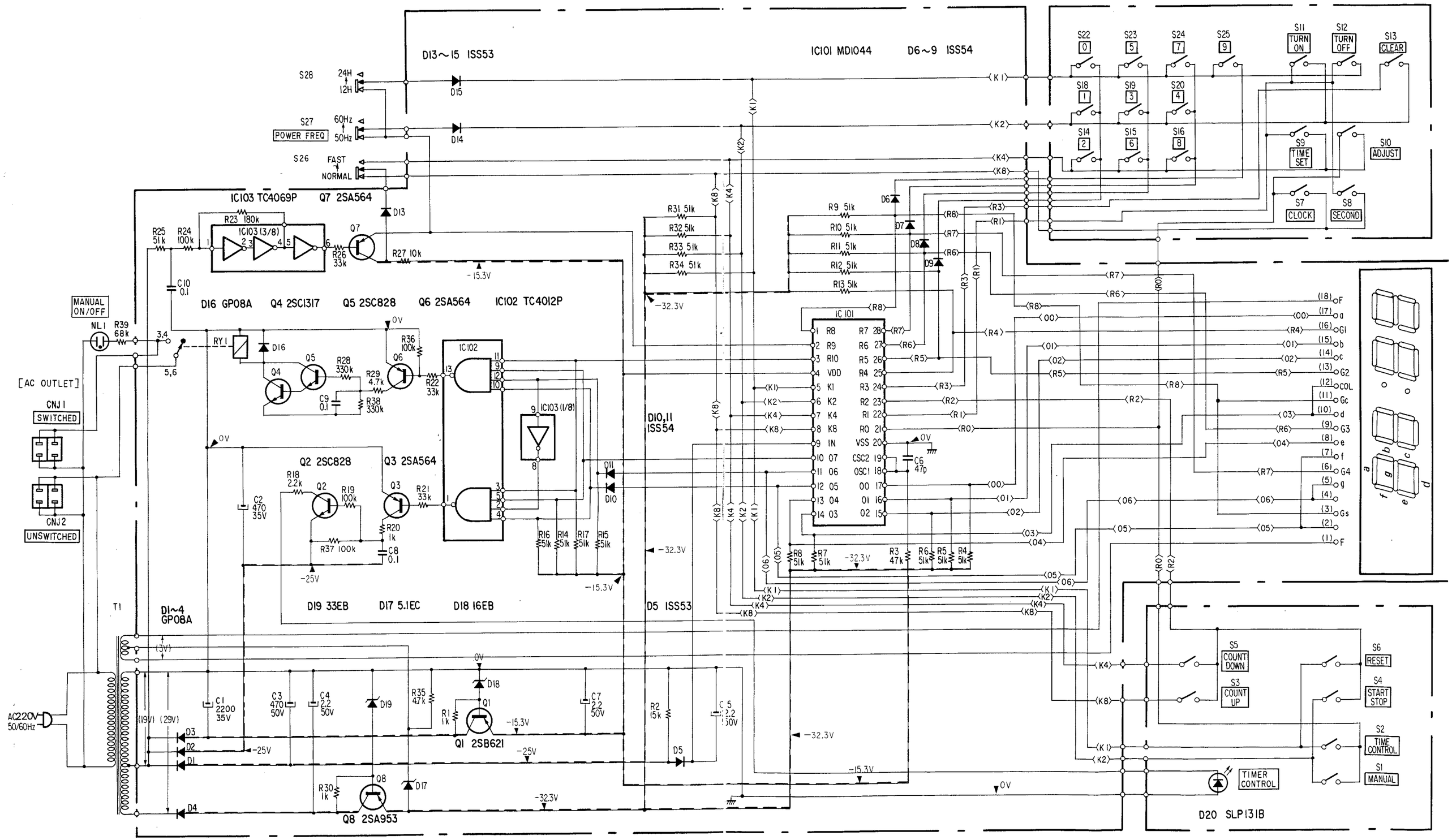
KONDENSATOREN / CAPACITORS

Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.

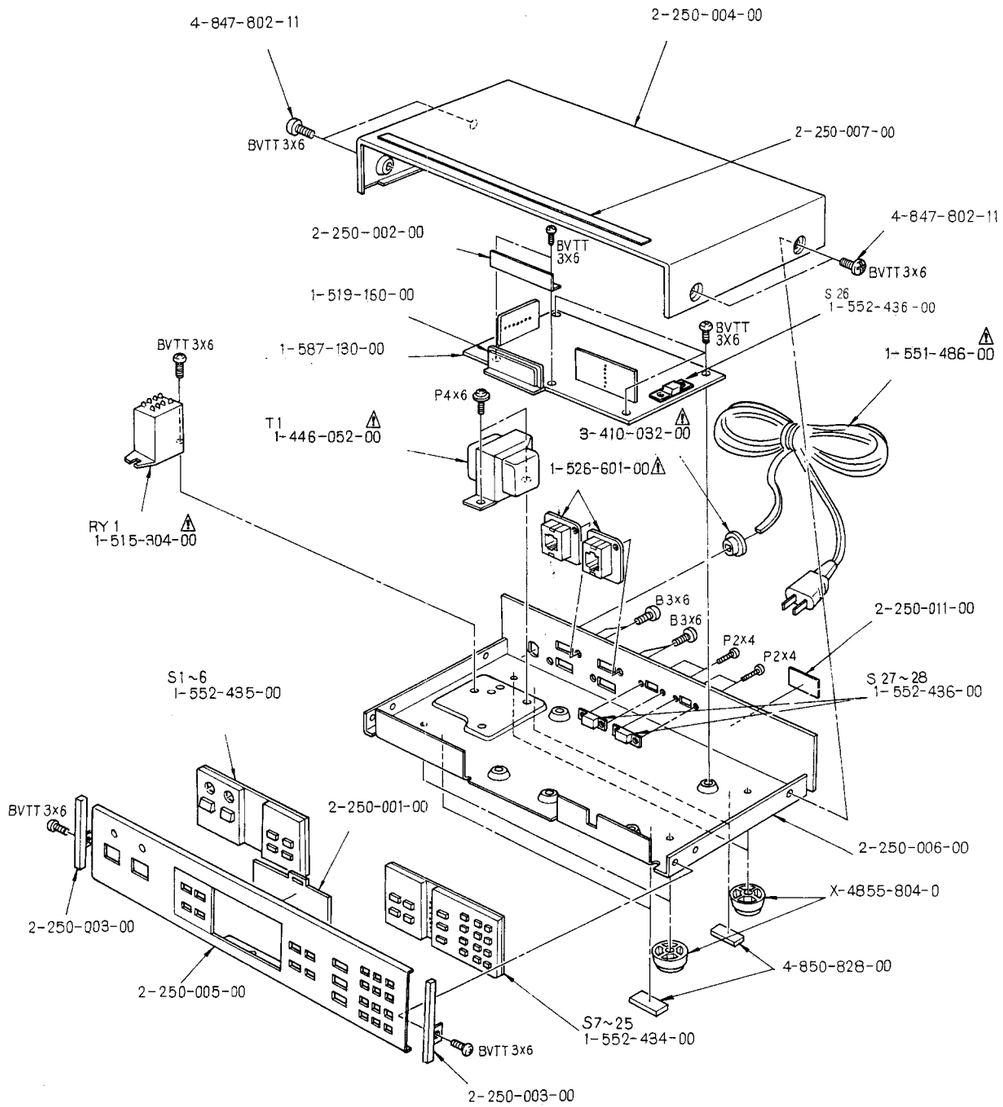
All capacitors are in µF, 50WV or less are not indicated except for electrolytics. pF = µµF, elect = electrolytic.

C1	1-108-293-12	0.22		MYLAR
C2	1-102-117-11	820 p		CERAMIC
C3	1-108-812-12	0.047		MYLAR
C4,5	1-121-391-11	1	50 V	ELECT
C6	1-161-034-11	0.022		CERAMIC
C7,8	1-123-193-11	100	16 V	ELECT
C9	1-121-944-11	1000	16 V	ELECT
C10	1-121-939-11	470	16 V	ELECT
C11,12	1-115-148-11	0.01	450 V	PAPER
C51,52	1-121-651-11	10	16 V	ELECT
C53	1-121-479-11	22	16 V	ELECT

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
WIDERSTÄNDE / RESISTORS		
R24	1-213-156-11	12 k 1W METAL OXIDE (NONFLAMMABLE)
RV1	1-226-138-00	1 k-B, VARIABLE; PITCH
RV2–5	1-224-633-00	4.7 k-B, ADJUSTABLE
SCHALTER / SWITCHES		
S1	1-552-580-00	PUSHBUTTON, POWER
S2	1-552-233-31	PUSHBUTTON, SPEED 33/45 rpm
S3	1-552-532-00	MINIATURE, START/STOP
S4	1-552-571-00	PUSHBUTTONS, REPEAT
S5	1-552-268-11	MINIATURE, PLAY/STOP
SONSTIGES / MISCELLANEOUS		
F1,2	1-532-066-11	FUSE, T 400 mA
MGH	1-543-123-00	HEAD, SPEED DETECTING (MGH)
NL1	1-519-135-11	NEON LAMP
PM	1-454-196-00	SOLENOID, DRIVE GEAR
	1-451-059-00	MAGNET, BRAKE
	A-4505-003-A	CARTRIDGE ASS'Y, W/STYLUS; XL-15 (UK MODEL)
	A-4587-009-A	STYLUS ASS'Y, ND-15G (UK, E MODEL)
	1-533-131-11	HOLDER, FUSE
	1-534-817-XX	CORD, POWER (AEP MODEL)
	1-551-294-31	CORD, PHONO
	1-561-013-11	CONNECTOR, NECK CYLINDER; WITH LEADS
ZUBEHÖR UND VERPACKUNGSMATERIAL / ACCESSORIES & PACKING MATERIALS		
	3-701-616-00	BAG, PLASTIC; COUNTER-WEIGHT, HEAD SHELL
	3-701-806-00	45 rpm ADAPTOR
	4-848-002-00	CUSHION, ARM PIPE
	4-857-655-00	PLATE (A), PROTECTION
	4-857-656-00	PLATE (B), PROTECTION
	4-857-657-00	BAG, PROTECTION
	4-857-659-00	CUSHION, RIGHT
	4-857-660-00	CUSHION, LEFT


D13~15 ISS53
IC101 MD1044
D6~9 ISS54
S28 24H 12H
S27 60Hz 50Hz POWER FREQ
S26 FAST NORMAL
D15
D14
D13
IC103 TC4069P
Q7 2SA564
R23 180k
IC103(3/8)
R25 51k
R24 100k
R26 33k
R27 10k
-15.3V
C10 0.1
D16 GP08A
Q4 2SC1317
Q5 2SC828
Q6 2SA564
IC102 TC4012P
MANUAL ON/OFF
NL1
R39 68k
RY1
D16
Q5
Q4
Q6
R28 330k
R29 4.7k
R38 330k
C9 0.1
R36 100k
R22 33k
IC102
IC103(1/8)
[AC OUTLET]
CNJ1 SWITCHED
CNJ2 UNSWITCHED
Q2 2SC828
Q3 2SA564
R18 2.2k
R19 100k
R21 33k
R20 1k
R37 100k
C8 0.1
C2 470 35V
-25V
D11
D10
R16 51k
R14 51k
R17 51k
R15 51k
-32.3V
D1,11 ISS54
R31 51k
R32 51k
R33 51k
R34 51k
R9 51k
R10 51k
R11 51k
R12 51k
R13 51k
IC101
R8 R9 R10 VDD K1 K2 K4 K8 IN 07 06 05 04 03
R7 R6 R5 R4 R3 R2 R1 R0 VSS CSC2 OSC1 00 01 02
C6 47p
R8 51k
R7 51k
R3 47k
R6 51k
R5 51k
R4 5k
D6
D7
D8
D9
S22 0
S23 5
S24 7
S25 9
S11 TURN ON
S12 TURN OFF
S13 CLEAR
S18 1
S19 3
S20 4
S14 2
S15 6
S16 8
S9 TIME SET
S10 ADJUST
S7 CLOCK
S8 SECOND
(18) F
(17) a
(16) G1
(15) b
(14) c
(13) G2
(12) COL
(11) Gc
(10) d
(9) G3
(8) e
(7) f
(6) G4
(5) g
(4)
(3) Gs
(2)
(1) F
T1
D1~4 GP08A
AC220V 50/60Hz
(3V)
(19V) (29V)
C1 2200 35V
C3 470 50V
C4 2.2 50V
C7 2.2 50V
C5 2.2 50V
R35 47k
R1 1k
R2 15k
D18
Q1
Q1 2SB621
D19
D17
D5
D3
D2
D1
D4
Q8
R30 1k
Q8 2SA953
D19 33EB
D17 5.1EC
D18 16EB
D5 ISS53
S5 COUNT DOWN
S3 COUNT UP
S6 RESET
S4 START STOP
S2 TIME CONTROL
S1 MANUAL
TIMER CONTROL
D20 SLP131B

69 leer


4-847-802-11
2-250-004-00
BVTT 3X6
2-250-007-00
4-847-802-11
2-250-002-00
BVTT 3X6
BVTT 3X6
1-519-160-00
S 26
1-552-436-00
BVTT 3X6
1-587-130-00
BVTT 3X6
1-551-486-00
P4X6
T1
1-446-052-00
3-410-032-00
1-526-601-00
RY 1
1-515-804-00
B3X6
B3X6
P2X4
P2X4
2-250-011-00
S1~6
1-552-435-00
S 27~28
1-552-436-00
BVTT 3X6
2-250-001-00
2-250-006-00
X-4855-804-0
2-250-003-00
2-250-005-00
4-850-828-00
S7~25
1-552-434-00
BVTT 3X6
2-250-003-00

ERSATZTEILE / ELECTRICAL PARTS LIST

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION
NL1	1-519-00	(MANUAL ON/OFF)
RY1	1-515-304-00	
S7~25	1-552-434-00	
S1~6	1-552-435-00	
S26~28	1-552-436-00	
T1	1-519-160-00	
CNJ1,2	1-526-601-00	AC
	1-551-486-00	

WIDERSTÄNDE / RESISTORS

R39	1-244-717-11	68kΩ

KONDENSATOREN / CAPACITORS

Alle Werte, wenn nicht anders angegeben, in µF. Spannungen unter 50 V, ausgenommen bei Elkos, werden nicht angegeben.

All capacitors are in µF and ceramic unless otherwise noted. 50WV or less not indicated except for electrolytics. pF = µµF, elect = electrolytic.

1	1-121-984-11	2200 µF 35 V
2	1-121-941-11	470 µF 35 V
3	1-121-983-11	470 µF 50 V
4,5,7	1-121-986-11	2.2 µF 50 V
8~10	1-161-063-11	0.1 µF 50 V

POS. NR. / REF. NO.	SACHNR. / PART NO.	TECHN. DATEN/ BEZEICHNUNG / DESCRIPTION

TRANSISTOREN / TRANSISTORS

Q1	8-729-160-51	2SB605
Q2,5	8-729-665-47	2SC1362
Q3,6,7	8-727-788-00	2SA678
Q4	8-729-100-13	2SC2001
Q8	8-729-160-51	2SB605

DIODEN / DIODES

D1~4	8-719-911-55	U05G
D5,13~15	8-719-923-76	1S2076A
D16	8-719-911-55	U05G
D6~11	8-719-923-76	1S2076A
D17	8-719-139-07	RD3.9E
D18	8-719-931-16	EQB01-16
D19	8-719-931-33	EQB01-33
D20	8-719-901-31	SLP131B

ICs / ICs

IC101	1-800-646-11	CP1044
IC102	8-759-240-12	TC4012P
IC103	8-759-240-69	TC4069P